

NTP Historical Controls Report

All Routes and Vehicles

MICE

December 2020

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.

The report combines all the data from all of the historical control studies into one section. To see this data broken up by route and vehicle you must run the "By Route And Vehicle" 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
М3
M4
M5
Female
Female F1
F1
F1 F2

the data would be shown as:

	Male			Female	
M1	M2	М3	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.

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

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Report Date: 12/18/2020

Species: MICE Strain: B6C3F1/N Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

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	052060104	10/06/08	729	50(5)	38(708)	52.1	Antimony trioxide
Battelle Columbus Laboratory	050005804	N/A	N/A	0(0)	0(0)	N/A	Black Cohosh
Battelle Northwest	052072504	08/31/09	729	50(5)	35(697)	51.1	2,3-Butanedione
Battelle Columbus Laboratory	051098702	08/17/10	730	50(1)	44(722)	48.9	Dibutyl Phthalate
Battelle Columbus Laboratory	052020304	07/10/07	730	50(1)	33(694)	52.6	Green Tea Extract
Battelle Columbus Laboratory	051026002	07/16/10	727	49(1)	34(691)	47.6	2-Hydroxy-4-methoxybenzophenone
Battelle Columbus Laboratory	052000604	04/03/07	730	50(1)	26(663)	55.6	Indole-3-carbinol
Battelle Northwest	052051504	05/05/08	729	50(5)	39(709)	52.6	Metal Working Fluids: CIMSTAR 3800
Battelle Northwest	052052304	08/03/09	729	50(5)	38(692)	52.4	Metal Working Fluids: TRIM VX
Battelle Northwest	051047204	01/31/11	729	50(5)	40(705)	52.7	p-Chloro-a,a,a-trifluorotoluene
Southern Research Institute	052020904	02/25/08	729	50(1)	29(657)	55.3	Pentabromodiphenyl Ether Mixture [DE-71 (Technical Grade)]
I. I. T. Research Institute	052010578	06/18/12	729	90(1)	66(687)	51.5	Radiofrequency Radiation
Battelle Columbus Laboratory	052032306	05/22/12	730	50(1)	35(698)	52.5	Resveratrol
Battelle Columbus Laboratory	050303804	01/17/12	730	50(1)	26(683)	54.6	Sodium Tungstate Dihydrate
Battelle Columbus Laboratory	052032004	08/07/07	730	50(1)	33(687)	55.8	Tetrabromobisphenol A
Battelle Columbus Laboratory	052071204	10/25/11	731	50(1)	39(701)	50.0	Tris(Chloropropyl)phosphate

Toxicology Data Management System

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Report Date: 12/18/2020

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

Species: MICE Strain: B6C3F1/N Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

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
					Female		
Battelle Northwest	052060104	10/06/08	731	50(5)	36(692)	54.1	Antimony trioxide
Battelle Columbus Laboratory	050005804	04/09/12	729	50(4)	40(703)	58.8	Black Cohosh
Battelle Northwest	052072504	08/31/09	731	50(5)	36(697)	51.0	2,3-Butanedione
Battelle Columbus Laboratory	051098702	08/16/10	729	50(4)	42(713)	51.5	Dibutyl Phthalate
Battelle Columbus Laboratory	052020304	07/09/07	729	50(5)	34(665)	62.9	Green Tea Extract
Battelle Columbus Laboratory	051026002	07/15/10	726	50(4)	42(716)	54.7	2-Hydroxy-4-methoxybenzophenone
Battelle Columbus Laboratory	052000604	04/02/07	729	50(5)	33(702)	66.6	Indole-3-carbinol
Battelle Northwest	052051504	05/05/08	731	50(5)	39(696)	59.2	Metal Working Fluids: CIMSTAR 3800
Battelle Northwest	052052304	08/03/09	731	50(5)	35(692)	57.9	Metal Working Fluids: TRIM VX
Battelle Northwest	051047204	01/31/11	731	50(5)	38(700)	55.9	p-Chloro-a,a,a-trifluorotoluene
Southern Research Institute	052020904	02/25/08	731	50(5)	33(679)	57.7	Pentabromodiphenyl Ether Mixture [DE-71 (Technical Grade)]
I. I. T. Research Institute	052010578	06/18/12	739	90(1)	67(704)	62.6	Radiofrequency Radiation
Battelle Columbus Laboratory	052032306	05/21/12	729	50(4)	44(716)	58.8	Resveratrol
Battelle Columbus Laboratory	050303804	01/16/12	729	50(4)	38(700)	61.6	Sodium Tungstate Dihydrate
Battelle Columbus Laboratory	052032004	08/06/07	729	50(5)	40(711)	66.5	Tetrabromobisphenol A
Battelle Columbus Laboratory	052071204	10/24/11	729	50(4)	46(726)	51.9	Tris(Chloropropyl)phosphate

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1/N Tumor Incidence for Selected Control Animal Groups

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Mean 64.22%

SD 8.94%

Report Date: 12/18/2020

Route: ALL ROUTES Vehicle: ALL VEHICLES

Length of Study: CHRONI	iC							
			Male				Female	
All Organs:								
Benign Tumors								
		37/50 (74%)		22/50 (44%)		25/50 (50%)	15/50 (30%)	15/50 (30%)
		26/50 (52%)	43/50 (86%)	28/49 (57%)		13/50 (26%)	20/50 (40%)	17/50 (34%)
		33/50 (66%)	39/50 (78%)	32/50 (64%)		17/50 (34%)	26/50 (52%)	23/50 (46%)
		32/50 (64%)	30/50 (60%)	61/90 (68%)		24/50 (48%)	24/50 (48%)	36/90 (40%)
		33/50 (66%)	31/50 (62%)	38/50 (76%)		17/50 (34%)	20/50 (40%)	22/50 (44%)
		25/50 (50%)				21/50 (42%)		
Overall Incidence	Total	510/789 (64.64%)	Mean 64.46%	SD 11.18%	Total	335/840 (39.88%)	Mean 39.88%	SD 7.88%
#All Organs: Malignant Tumors								
		25/50 (50%)		27/50 (54%)		25/50 (50%)	22/50 (44%)	24/50 (48%)
		19/50 (38%)	28/50 (56%)	19/49 (39%)		19/50 (38%)	18/50 (36%)	11/50 (22%)
		27/50 (54%)	26/50 (52%)	32/50 (64%)		19/50 (38%)	30/50 (60%)	27/50 (54%)
		25/50 (50%)	27/50 (54%)	49/90 (54%)		24/50 (48%)	16/50 (32%)	33/90 (37%)
		24/50 (48%)	30/50 (60%)	21/50 (42%)		18/50 (36%)	15/50 (30%)	18/50 (36%)
		20/50 (40%)	, ,	,		12/50 (24%)	,	,
Overall Incidence	Total	399/789 (50.57%)	Mean 50.35%	SD 7.75%	Total	331/840 (39.4%)	Mean 39.54%	SD 10.48%
#All Organs: Malignant and Benign 1								
_		45/50 (90%)		37/50 (74%)		35/50 (70%)	31/50 (62%)	34/50 (68%)
		33/50 (66%)	49/50 (98%)	37/49 (76%)		28/50 (56%)	29/50 (58%)	25/50 (50%)
		48/50 (96%)	46/50 (92%)	42/50 (84%)		30/50 (60%)	41/50 (82%)	38/50 (76%)
		44/50 (88%)	40/50 (80%)	79/90 (88%)		38/50 (76%)	34/50 (68%)	59/90 (66%)
		41/50 (82%)	42/50 (84%)	47/50 (94%)		27/50 (54%)	32/50 (64%)	32/50 (64%)
		34/50 (68%)	, ,	,		27/50 (54%)	,	,
		,/				, ,		

SD 9.79%

Total

540/840 (64.29%)

Total

664/789 (84.16%)

Mean 83.95%

Overall Incidence

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

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: ALL ROUTES
Vehicle: ALL VEHICLES

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					Male						F	emale		
#All Organs: Hemangioma														
_		0/50	(0%)			0/50	(0%)		0/50	(0%)	1/50	(2%)	0/50	(0%)
		0/50	(0%)	2/50	(4%)	1/49	(2%)		1/50	(2%)	0/50	(0%)	2/50	(4%)
		0/50	(0%)	1/50	(2%)	0/50	(0%)		1/50	(2%)	0/50	(0%)	1/50	(2%)
		0/50	(0%)	0/50	(0%)	1/90	(1%)		0/50	(0%)	1/50	(2%)	4/90	(4%)
		0/50	(0%)	1/50	(2%)	2/50	(4%)		0/50	(0%)	0/50	(0%)	1/50	(2%)
		1/50	(2%)		, ,		` ,		0/50	(0%)		` ,		` ,
Overall Incidence	Total	9/789 (1.14	,	Mean 1		SD 1.469		Total	12/840 (1	,		1.28%	SD 1	
#All Organs: Hemangiosarcoma														
_		2/50	(4%)			1/50	(2%)		4/50	(8%)	1/50	(2%)	0/50	(0%)
		3/50	(6%)	5/50	(10%)	1/49	(2%)		3/50	(6%)	2/50	(4%)	0/50	(0%)
		4/50	(8%)	1/50	(2%)	0/50	(0%)		0/50	(0%)	3/50	(6%)	2/50	(4%)
		2/50	(4%)	1/50	(2%)	2/90	(2%)		3/50	(6%)	0/50	(0%)	2/90	(2%)
		3/50	(6%)	5/50	(10%)	1/50	(2%)		1/50	(2%)	1/50	(2%)	1/50	(2%)
		2/50	(4%)		, ,		` ,		1/50	(2%)		` ,		` ,
Overall Incidence	Total	33/789 (4.1	,	Mean 4		SD 3.09		Total	24/840 (2	,		2.89%	SD 2.	
#All Organs: Hemangiosarcoma or H														
_		2/50	(4%)			1/50	(2%)		4/50	(8%)	2/50	(4%)	0/50	(0%)
		3/50	(6%)	7/50	(14%)	2/49	(4%)		4/50	(8%)	2/50	(4%)	2/50	(4%)
		4/50	(8%)	2/50	(4%)	0/50	(0%)		1/50	(2%)	3/50	(6%)	3/50	(6%)
		2/50	(4%)	1/50	(2%)	3/90	(3%)		3/50	(6%)	1/50	(2%)	6/90	(7%)
		3/50	(6%)	6/50	(12%)	3/50	(6%)		1/50	(2%)	1/50	(2%)	2/50	(4%)
		3/50	(6%)						1/50	(2%)				
Overall Incidence	Total	42/789 (5.3	2%)	Mean 5	.43%	SD 3.689	%	Total	36/840 (4	.29%)	Mean	4.17%	SD 2	4%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Ma

Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES Vehicle: ALL VEHICLES

Length of Study: CHRONIC Male **Female** #All Organs: **Histiocytic Sarcoma** 1/50 (2%)0/50 (0%)3/50 (6%)2/50 (4%)1/50 (2%)2/50 (4%)0/50 (0%)0/49(0%)1/50 (2%)0/50 (0%)1/50 (2%)2/50 (4%)1/50 (2%)0/50 (0%)1/50 (2%)2/50 (4%)4/50 (8%)8/90 0/50 (0%)1/50 (2%)0/90 (0%)2/50 (4%)1/50 (2%)(9%)1/50 (2%)1/50 (2%)0/50 (0%)2/50 (4%)2/50 (4%)1/50 (2%)0/50 (0%)0/50 (0%)**Overall Incidence** Total 9/789 (1.14%) Mean 1.2% SD 1.47% Total 31/840 (3.69%) Mean 3.43% SD 2.51% **#All Organs:** Leukemia: Lymphocytic, Monocytic, Mononuclear, or Undifferentiated 0/50 (0%)0/50 (0%)0/50 (0%)1/50 (2%)0/50 (0%)0/50 (0%)0/49 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 0/50 (0%)0/50 (0%)(0%)0/50 (0%)0/50 (0%)0/90 (0%)0/50 (0%)0/50 (0%)0/90 (0%)0/50 (0%) (0%) 0/50 (0%)(0%)0/50 0/50 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)**Overall Incidence** Total 0/789 (0%) Mean 0% SD 0% Total 1/840 (0.12%) Mean 0.12% SD 0.5% #All Organs: Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type 4/50 (8%)6/50 (12%)7/50 (14%)10/50 (20%)9/50 (18%)4/50 (8%)4/50 3/49 (22%)7/50 5/50 (8%) (6%) 11/50 (14%)(10%)3/50 (6%)3/50 (6%)6/50 (12%)6/50 (12%)18/50 (36%)10/50 (20%)6/90 9/50 2/90 (2%)6/50 (12%)5/50 (10%)(7%)(18%)7/50 (14%)7/50 (14%)5/50 (10%)3/50 (6%)9/50 (18%)4/50 (8%)9/50 (18%)

SD 2.66%

8/50

131/840 (15.6%)

Total

(16%)

Mean 16.26%

SD 7.31%

Total

5/50

70/789 (8.87%)

(10%)

Mean 8.99%

Overall Incidence

Page: 7

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1/N

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES Vehicle: ALL VEHICLES Page: 8

					Male						F	emale		
#All Organs: Malignant Schwannoma														
-		0/50	(0%)			0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
			(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		1/50	(2%)	0/50	(0%)	0/90	(0%)		0/50	(0%)	0/50	(0%)	0/90	(0%)
		0/50	(0%)	1/50	(2%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	1/50	(2%)
		0/50	(0%)						0/50	(0%)				
Overall Incidence	Total	2/789 (0.25%	•	Mean 0		SD 0.7%		Total	1/840 (0.	12%)		0.12%	SD 0	.5%
#All Organs: Osteosarcoma														
		0/50	(0%)			0/50	(0%)		0/50	(0%)	2/50	(4%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/90	(0%)		0/50	(0%)	0/50	(0%)	3/90	(3%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)		, ,		, ,		1/50	(2%)				, ,
Overall Incidence	Total	0/789 (0%)		Mean	0%	SD 0%		Total	6/840 (0.	71%)	Mean	0.58%	SD 1.	31%
#All Organs: Osteosarcoma or Osteoma														
			(0%)			0/50	(0%)		0/50	(0%)	2/50	(4%)	0/50	(0%)
			(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
			(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
			(0%)	0/50	(0%)	0/90	(0%)		0/50	(0%)	0/50	(0%)	3/90	(3%)
			(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
			(0%)						1/50	(2%)				
Overall Incidence	Total	0/789 (0%)		Mean	0%	SD 0%		Total	6/840 (0.	71%)	Mean	0.58%	SD 1.	31%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES Vehicle: ALL VEHICLES

				Male						ı	emale		
		` ,				` '			` '		` '		(2%)
		` '		` ,		` '			` ,		` ,		(0%)
	0/50	(0%)	9/49	(18%)	3/50	(6%)		2/49	(4%)	0/49	(0%)	0/50	(0%)
	0/50	(0%)	0/50	(0%)	0/90	(0%)		0/50	(0%)	0/50	(0%)	1/84	(1%)
	0/50	(0%)	1/50	(2%)	1/50	(2%)			(0%)	0/50	(0%)	0/50	(0%)
	1/50	(2%)						0/50	(0%)				
Total	23/785 (2.93	3%)	Mean 3	.11%	SD 4.879	%	Total	5/831 (0	0.6%)	Mean	0.58%	SD 1.	.17%
ign													
•	0/49	(0%)			0/50	(0%)		0/50	(0%)	0/50	(0%)	1/50	(2%)
	0/50	(0%)	0/49	(0%)	1/48	(2%)		0/49	(0%)	0/49	(0%)	0/50	(0%)
	0/50	(0%)	1/48	(2%)	0/50	(0%)		0/49	(0%)	1/49	(2%)	2/50	(4%)
	0/50	(0%)	1/50	(2%)	0/90	(0%)		1/50	(2%)	0/49	(0%)	0/83	(0%)
	0/50	(0%)	0/49	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	1/50	(2%)
	0/50	(0%)		,		` ,		1/50	(2%)		,		,
Total	3/783 (0.38	3%)	Mean 0	.41%	SD 0.859	%	Total	7/828 (0.	.85%)	Mean	0.88%	SD 1.	.26%
								······					
gnant													
		` ,				` '			` ,		` '		(0%)
	0/50	(0%)	0/49	(0%)	0/48	` '		0/49	` ,	0/49	(0%)	0/50	(0%)
	0/50	(0%)	0/48	(0%)	0/50	(0%)		0/49	(0%)	0/49	(0%)	0/50	(0%)
	0/50	(0%)	0/50	(0%)	0/90	(0%)		0/50	(0%)	0/49	(0%)	2/83	(2%)
	1/50	(2%)	0/49	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
	0/50	(0%)						0/50	(0%)				
i	gn Total	0/50 1/50 Total 23/785 (2.9) gn 0/49 0/50 0/50 0/50 0/50 0/50 Total 3/783 (0.38) gnant 0/49 0/50 0/50 0/50 1/50	0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 1/50 (2%) Total 23/785 (2.93%) gn 0/49 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) Total 3/783 (0.38%) gnant 0/49 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)	gn O/50 (0%) 1/49 O/50 (0%) 9/49 O/50 (0%) 0/50 O/50 (0%) 1/50 1/50 (2%) Total 23/785 (2.93%) Mean 3 O/49 (0%) O/50 (0%) 0/49 O/50 (0%) 1/50 O/50 (0%) 1/50 O/50 (0%) 0/49 O/50 (0%) Total 3/783 (0.38%) Mean 0 gnant O/49 (0%) O/50 (0%) 0/49 O/50 (0%) 0/48 O/50 (0%) 0/50 O/50 (0%) 0/49	### A	### Add ### Ad	### A	## A	### A	### A	### A	### ### ##############################	4/49 (8%)

SD 0.52%

Total

2/828 (0.24%)

Total

1/783 (0.13%)

Mean 0.13%

Overall Incidence

Page: 9

Mean 0.15%

SD 0.6%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Tumor Incidence for Selected Control Animal Groups

Contract/Lab: All Laboratories Species: MICE Strain: B6C3F1/N

Length of Study: CHRONIC

Toxicology Data Management System

Route: ALL ROUTES Vehicle: ALL VEHICLES **Page:** 10

					Male						F	emale		
Adrenal Medulla:														
Pheochromocytoma: Bei	nign, Complex,	, Malignant, NOS	;											
		0/49	(0%)			0/50	(0%)		0/50	(0%)	0/50	(0%)	1/50	(2%)
		0/50	(0%)	0/49	(0%)	1/48	(2%)		0/49	(0%)	0/49	(0%)	0/50	(0%)
		0/50	(0%)	1/48	(2%)	0/50	(0%)		0/49	(0%)	1/49	(2%)	2/50	(4%)
		0/50	(0%)	1/50	(2%)	0/90	(0%)		1/50	(2%)	0/49	(0%)	2/83	(2%)
		1/50	(2%)	0/49	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	1/50	(2%)
		0/50	(0%)						1/50	(2%)				
Overall Incidence	Total	4/783 (0.51%	,	Mean 0		SD 0.939		Total	9/828 (1.	,		1.03%	SD 1.	
Blood Vessel: Hemangioma														
Hemangioma		0/50	(0%)			0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/30	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/49	(0%)		1/50	(2%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/90	(0%)		0/50	(0%)	0/50	(0%)	0/90	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/30	(070)	0/30	(070)		0/50	(0%)	0/30	(0 70)	0/30	(070)
Overall Incidence	Total	0/789 (0%)	(0,0)	Mean	0%	SD 0%		Total	1/840 (0.	` ,	Mean	0.12%	SD 0	.5%
Blood Vessel: Hemangiosarcoma														
		0/50	(0%)			0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	1/50	(2%)
		0/50	(0%)	0/50	(0%)	0/90	(0%)		0/50	(0%)	0/50	(0%)	0/90	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	2, 2 2	()	2,22	(/		0/50	(0%)	,,,,,	(/		()
Overall Incidence	Total	0/789 (0%)	` '	Mean	00/	SD 0%		Total	1/840 (0.	` ,		0.12%	SD 0	- F0/

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

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: ALL ROUTES
Vehicle: ALL VEHICLES

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					Male						F	emale		
Bone Marrow: Hemangiosarcoma									,					,
•		0/49	(0%)			0/48	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	1/50	(2%)	0/47	(0%)		0/50	(0%)	1/50	(2%)	0/49	(0%)
		1/50	(2%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/49	(0%)
		0/50	(0%)	0/50	(0%)	0/90	(0%)		0/50	(0%)	0/49	(0%)	0/90	(0%)
		0/50	(0%)	2/50	(4%)	0/50	(0%)		0/50	(0%)	0/48	(0%)	0/50	(0%)
		0/50	(0%)						0/50	(0%)				
verall Incidence	Total	4/784 (0.51	,	Mean 0		SD 1.199		Total	1/835 (0.	,		0.12%	SD 0	
Bone Marrow: Mast Cell Tumor Maligna														
		0/49	(0%)			1/48	(2%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	1/47	(2%)		0/50	(0%)	0/50	(0%)	0/49	(0%)
		0/50	(0%)	0/50	(0%)	1/50	(2%)		0/50	(0%)	0/50	(0%)	0/49	(0%)
		0/50	(0%)	0/50	(0%)	0/90	(0%)		0/50	(0%)	0/49	(0%)	0/90	(0%)
		0/50	(0%)	1/50	(2%)	0/50	(0%)		0/50	(0%)	0/48	(0%)	0/50	(0%)
		0/50	(0%)						0/50	(0%)				
verall Incidence	Total	4/784 (0.51		Mean 0		SD 0.949		Total	0/835 (,		n 0%	SD	
Bone Marrow: Sarcoma														
		0/49	(0%)			0/48	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/47	(0%)		0/50	(0%)	0/50	(0%)	0/49	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	1/50	(2%)	0/49	(0%)
		0/50	(0%)	0/50	(0%)	0/90	(0%)		0/50	(0%)	0/49	(0%)	0/90	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/48	(0%)	0/50	(0%)
		0/50	(0%)						0/50	(0%)				
Overall Incidence	Total	0/784 (0%	₆)	Mean	0%	SD 0%		Total	1/835 (0.	12%)	Mean	0.12%	SD 0	0.5%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

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Report Date: 12/18/2020

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1/N Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC Male **Female** #Bone: **Fibroma** 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/49(0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)(0%)(0%)(0%)0/90 0/50 (0%)0/50 0/90 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)1/50 (2%)0/50 (0%)0/50 (0%)**Overall Incidence** Total 0/789 (0%) Mean 0% SD 0% Total 1/840 (0.12%) Mean 0.12% SD 0.5% #Bone: Hemangioma 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/49 (0%)0/50 (0%)0/50 (0%)0/50 (0%)(0%)0/50 0/50 (0%)0/50 (0%)0/50 0/50 (0%)0/50 (0%)(0%)0/50 (0%)0/50 (0%)0/90 (0%)0/50 (0%)0/50 (0%)1/90 (1%)0/50 (0%)(0%) (0%) 0/50 (0%)0/50 0/50 0/50 0/50 (0%)(0%)0/50 (0%)0/50 (0%)Mean 0.07% Overall Incidence Total 0/789 (0%) Mean 0% SD 0% Total 1/840 (0.12%) SD 0.28% #Bone: Hemangiosarcoma 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)(0%)0/50 0/50 (0%)0/49 0/50 (0%)(0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)(0%)0/90 0/90 0/50 (0%)0/50 (0%)0/50 (0%)(0%)0/50 (0%)1/50 (2%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)

SD 0.52%

0/50

0/840 (0%)

Total

(0%)

Mean 0%

SD 0%

Total

0/50

1/789 (0.13%)

(0%)

Mean 0.13%

Overall Incidence

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

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: ALL ROUTES
Vehicle: ALL VEHICLES

Page: 13

		Female						
#Bone: Osteosarcoma								
		0/50 (0%)		0/50 (0	%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0	%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0	%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/90 (0	%)	0/50 (0%)	0/50 (0%)	1/90 (1%)
		0/50 (0%)	0/50 (0%)	0/50 (0	%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				1/50 (2%)		
Overall Incidence	Total	0/789 (0%)	Mean 0%	SD 0%	Total	3/840 (0.36%)	Mean 0.32%	SD 0.71%
#Bone:								
Osteosarcoma or Osteom	na							
		0/50 (0%)		0/50 (0	%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0	%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0	%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/90 (0	%)	0/50 (0%)	0/50 (0%)	1/90 (1%)
		0/50 (0%)	0/50 (0%)	0/50 (0	%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				1/50 (2%)		
Overall Incidence	Total	0/789 (0%)	Mean 0%	SD 0%	Total	3/840 (0.36%)	Mean 0.32%	SD 0.71%
#Bone: Sarcoma								
Carooma		0/50 (0%)		0/50 (0	%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0	,	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0	,	0/50 (0%)	1/50 (2%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/90 (0	,	0/50 (0%)	0/50 (0%)	0/90 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0	,	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0,00 (0,70)	0,00 (0	·~,	0/50 (0%)	3/00 (0/0)	3,00 (070)
Overall Incidence	Total	0/789 (0%)	Mean 0%	SD 0%	Total	1/840 (0.12%)	Mean 0.12%	SD 0.5%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

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: ALL ROUTES
Vehicle: ALL VEHICLES

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					Male						F	emale		
*Brain: Meningioma Malignant							,							
		0/50	(0%)			0/50	(0%)		0/50	(0%)	1/50	(2%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
				0/50	(0%)	0/50	(0%)				0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/90	(0%)		0/50	(0%)	0/50	(0%)	0/87	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)						0/50	(0%)				
Overall Incidence	Total	0/739 (0%	•	Mean		SD 0%		Total	1/787 (0		Mean	0.13%	SD 0.	52%
*Brain:														
Meningioma: Benign, M	alignant, NOS													
		0/50	(0%)			0/50	(0%)		0/50	(0%)	1/50	(2%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
				0/50	(0%)	0/50	(0%)				0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/90	(0%)		0/50	(0%)	0/50	(0%)	0/87	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)						0/50	(0%)				
Overall Incidence	Total	0/739 (0%	•	Mean		SD 0%		Total	1/787 (0	,		0.13%	SD 0.	
*Clitoral/Preputial Gland: Mast Cell Tumor														
		0/50	(0%)			0/50	(0%)		0/48	(0%)	0/50	(0%)	0/47	(0%)
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	0/49	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/49	(0%)	0/44	(0%)	0/46	(0%)
		0/50	(0%)	0/50	(0%)	1/89	(1%)		0/48	(0%)	0/49	(0%)	0/82	(0%)
		0/50	(0%)	0/49	(0%)	0/50	(0%)		0/49	(0%)	0/49	(0%)	0/50	(0%)
		0/50	(0%)						0/50	(0%)				
Overall Incidence	Total	1/786 (0.13	%)	Mean 0	07%	SD 0.299	%	Total	0/810 (0%)	Mea	n 0%	SD	0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1/N

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES Vehicle: ALL VEHICLES

Length of Study: CHRONIC Male **Female #Coagulating Gland: Granular Cell Tumor** 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/49 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)(0%)0/90 (0%)0/50 0/90 0/50 (0%)0/50 (0%)(0%)0/50 0/50 (0%)0/50 (0%)1/50 (2%)0/50 (0%)0/50 (0%)(0%)0/50 (0%)0/50 (0%)**Overall Incidence** Total 1/789 (0.13%) Mean 0.13% SD 0.52% Total 0/840 (0%) Mean 0% SD 0% **#Coagulating Gland:** Sarcoma 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)1/50 (2%)0/49 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 0/50 (0%)0/50 (0%)(0%)0/50 (0%)0/50 (0%)0/90 (0%)0/50 (0%)0/50 (0%)0/90 (0%)0/50 (0%)0/50 (0%) 0/50 (0%) 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)Mean 0.13% 0/840 (0%) Overall Incidence Total 1/789 (0.13%) SD 0.52% Total Mean 0% SD 0% *Epididymis: **Mast Cell Tumor** 0/50 (0%)0/49 (0%)0/50 (0%)0/50 (0%)0/49 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%) 1/90 (1%) 0/50 (0%)0/50 (0%)0/50 (0%)

SD 0.29%

Total

0/50

1/788 (0.13%)

(0%)

Mean 0.07%

Overall Incidence

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^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

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: ALL ROUTES
Vehicle: ALL VEHICLES

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			Male				Female	
#Harderian Gland: Adenoma								
		6/50 (12%)		3/50 (6%)		3/50 (6%)	2/50 (4%)	3/50 (6%)
		3/50 (6%)	7/50 (14%)	6/49 (12%)		3/50 (6%)	2/50 (4%)	1/50 (2%)
		6/50 (12%)	7/50 (14%)	4/50 (8%)		3/50 (6%)	2/50 (4%)	1/50 (2%)
		5/50 (10%)	5/50 (10%)	6/90 (7%)		2/50 (4%)	9/50 (18%)	4/90 (4%)
		6/50 (12%)	2/50 (4%)	7/50 (14%)		3/50 (6%)	1/50 (2%)	2/50 (4%)
		0/50 (0%)	` ,	, ,		4/50 (8%)	, ,	` ,
Overall Incidence	Total	73/789 (9.25%)	Mean 9.39%	SD 4.16%	Total	45/840 (5.36%)	Mean 5.4%	SD 3.77%
#Harderian Gland: Carcinoma								
		1/50 (2%)		0/50 (0%)		4/50 (8%)	0/50 (0%)	1/50 (2%)
		1/50 (2%)	1/50 (2%)	1/49 (2%)		0/50 (0%)	2/50 (4%)	1/50 (2%)
		1/50 (2%)	5/50 (10%)	2/50 (4%)		0/50 (0%)	0/50 (0%)	3/50 (6%)
		1/50 (2%)	1/50 (2%)	3/90 (3%)		0/50 (0%)	1/50 (2%)	0/90 (0%)
		2/50 (4%)	1/50 (2%)	1/50 (2%)		1/50 (2%)	0/50 (0%)	1/50 (2%)
		2/50 (4%)				2/50 (4%)		
Overall Incidence	Total	23/789 (2.92%)	Mean 2.89%	SD 2.23%	Total	16/840 (1.9%)	Mean 2%	SD 2.42%
#Harderian Gland: Carcinoma or Adenoma								
		7/50 (14%)		3/50 (6%)		7/50 (14%)	2/50 (4%)	4/50 (8%)
		4/50 (8%)	8/50 (16%)	7/49 (14%)		3/50 (6%)	4/50 (8%)	2/50 (4%)
		7/50 (14%)	12/50 (24%)	6/50 (12%)		3/50 (6%)	2/50 (4%)	4/50 (8%)
		6/50 (12%)	6/50 (12%)	9/90 (10%)		2/50 (4%)	10/50 (20%)	4/90 (4%)
		8/50 (16%)	3/50 (6%)	8/50 (16%)		4/50 (8%)	1/50 (2%)	3/50 (6%)
		2/50 (4%)	` ,	, ,		6/50 (12%)	, ,	, ,

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

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: ALL ROUTES
Vehicle: ALL VEHICLES

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			Male						F	emale		
#Harderian Gland: Mast Cell Tumor												,
		0/50 (0%)		0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50 (0%)	0/50 (0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50 (0%)	0/50 (0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50 (0%)	0/50 (0%)	1/90	(1%)		0/50	(0%)	0/50	(0%)	0/90	(0%)
		0/50 (0%)	0/50 (0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50 (0%)					0/50	(0%)				
Overall Incidence	Total	1/789 (0.13%)	Mean 0.07%	SD 0.299		Total	0/840 (ın 0%	SD	
'Heart: Hemangiosarcoma												
•		0/50 (0%)		1/50	(2%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50 (0%)	0/50 (0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50 (0%)	0/50 (0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50 (0%)	0/50 (0%)	0/90	(0%)		0/50	(0%)	0/50	(0%)	0/90	(0%)
		0/50 (0%)	0/50 (0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50 (0%)	, ,		, ,		0/50	(0%)		, ,		, ,
Overall Incidence	Total	1/789 (0.13%)	Mean 0.13%	SD 0.529	%	Total	0/840 (0%)	Mea	ın 0%	SD	0%
#Intestine Large: Cecum: Leiomyosarcoma												
		0/50 (0%)		0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50 (0%)	0/50 (0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50 (0%)	0/50 (0%)	0/50	(0%)		1/50	(2%)	0/50	(0%)	0/50	(0%)
		0/50 (0%)	0/50 (0%)	0/90	(0%)		0/50	(0%)	0/50	(0%)	0/90	(0%)
		0/50 (0%)	0/50 (0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50 (0%)					0/50	(0%)				
Overall Incidence	Total	0/789 (0%)	Mean 0%	SD 0%		Total	1/840 (0.	12%)	Mean	0.12%	SD 0).5%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1/N

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

			Male			Female	
#Intestine Small: Duodenum:	:						
		2/50 (4%)	0/50	(0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%) 0/49	(0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		2/50 (4%)	1/50 (2%) 2/50	(4%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
		0/50 (0%)	0/50 (0%) 0/90	(0%)	0/50 (0%)	0/50 (0%)	0/90 (0%)
		0/50 (0%)	0/50 (0%) 0/50	(0%)	1/50 (2%)	0/50 (0%)	1/50 (2%)
		0/50 (0%)	,	,	0/50 (0%)	,	,
Overall Incidence	Total	7/789 (0.89%)	Mean 0.93% SD 1.67%	% Total	3/840 (0.36%)	Mean 0.38%	SD 0.81%
#Intestine Small: Duodenum: Carcinoma							
		0/50 (0%)	0/50	(0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%) 0/49	(0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%) 0/50	(0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%) 1/90	(1%)	0/50 (0%)	0/50 (0%)	0/90 (0%)
		0/50 (0%)	0/50 (0%) 0/50	(0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)			0/50 (0%)		
Overall Incidence	Total	1/789 (0.13%)	Mean 0.07% SD 0.29%	% Total	0/840 (0%)	Mean 0%	SD 0%
#Intestine Small: Duodenum: Polyp Adenomatous	:						
		0/50 (0%)	1/50	(2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%) 0/49	(0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%) 0/50	(0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%) 0/90	(0%)	0/50 (0%)	0/50 (0%)	0/90 (0%)
		0/50 (0%)	0/50 (0%) 0/50	(0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)			0/50 (0%)		
Overall Incidence	Total	1/789 (0.13%)	Mean 0.13% SD 0.52%	% Total	0/840 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

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^{#:} Denominator is number of animals necropsied

Strain: B6C3F1/N

Species: MICE

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Male **Female** #Intestine Small: Ileum: Adenoma 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/49(0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)(0%)(0%)0/90 0/50 (0%)0/50 0/90 1/50 (2%)0/50 (0%)(0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)**Overall Incidence** Total 0/789 (0%) Mean 0% SD 0% Total 1/840 (0.12%) Mean 0.12% SD 0.5% #Intestine Small: Jejunum: Adenoma 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/49 (0%)0/50 (0%)0/50 (0%)0/50 (0%)(0%)0/50 1/50 (2%)0/50 (0%)0/50 0/50 (0%)0/50 (0%)(0%)0/50 (0%)0/50 (0%)0/90 (0%)0/50 (0%)0/50 (0%)0/90 (0%)1/50 (2%)(0%) 0/50 (0%)0/50 0/50 0/50 1/50 (2%)(0%)(0%)0/50 (0%)0/50 (0%)0/840 (0%) **Overall Incidence** Total 3/789 (0.38%) Mean 0.4% SD 0.83% Total Mean 0% SD 0% #Intestine Small: Jejunum: Carcinoma 1/50 (2%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)1/50 (2%)2/50 (0%)(0%)0/50 0/50 (4%)0/49 0/50 (0%)(0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)1/50 (2%)(0%)2/90 (2%) 0/90 0/50 0/50 (0%)0/50 (0%)(0%)0/50 (0%)0/50 (0%)1/50 (2%)0/50 (0%)0/50 (0%)0/50 (0%)

SD 1.48%

0/50

0/840 (0%)

Total

(0%)

Mean 0%

SD 0%

Total

2/50

10/789 (1.27%)

(4%)

Mean 1.21%

Overall Incidence

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^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

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: ALL ROUTES
Vehicle: ALL VEHICLES

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					Male						F	emale		
#Intestine Small: Jejunur Leiomyosarcoma	n:						,		,					
•		0/50	(0%)			0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	1/50	(2%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		1/50	(2%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/90	(0%)		0/50	(0%)	0/50	(0%)	0/90	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)						0/50	(0%)				
Overall Incidence	Total	0/789 (0%	,	Mean		SD 0%		Total	2/840 (0			0.25%	SD 0.	
#Intestine Small: Jejunur Mast Cell Tumor														
		0/50	(0%)			0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	1/90	(1%)		0/50	(0%)	0/50	(0%)	0/90	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)		` ,		` ,		0/50	(0%)		` ,		` ,
Overall Incidence	Total	1/789 (0.13	%)	Mean 0	.07%	SD 0.299	%	Total	0/840 (0%)	Mea	n 0%	SD	0%
Intestine Small: Site Un Adenoma														
		2/50	(4%)			0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		3/50	(6%)	1/50	(2%)	2/50	(4%)		0/50	(0%)	1/50	(2%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/90	(0%)		1/50	(2%)	0/50	(0%)	0/90	(0%)
		1/50	(2%)	0/50	(0%)	1/50	(2%)		1/50	(2%)	0/50	(0%)	1/50	(2%)
		0/50	(0%)						0/50	(0%)				
Overall Incidence	Total	10/789 (1.27	7%)	Mean 1	.33%	SD 1.959	%	Total	4/840 (0	.48%)	Mear	า 0.5%	SD 0.	89%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: MICE
Strain: B6C3F1/N

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES Vehicle: ALL VEHICLES

Length of Study: CHRONIC Male **Female** #Intestine Small: Site Unspecified: Carcinoma 1/50 (2%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)1/50 (2%)2/50 (4%)0/49(0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)(0%)(3%)0/90 1/50 (2%)0/50 3/90 0/50 (0%)0/50 (0%)(0%)0/50 (0%)0/50 (0%)1/50 (2%)0/50 (0%)0/50 (0%)0/50 (0%)2/50 (4%)0/50 (0%)**Overall Incidence** Total 11/789 (1.39%) Mean 1.29% SD 1.56% Total 0/840 (0%) Mean 0% SD 0% #Intestine Small: Site Unspecified: Carcinoma or Adenoma 3/50 (6%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)1/50 (2%)2/50 (4%)0/49 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 3/50 (6%)1/50 (2%)2/50 (4%)0/50 (0%)1/50 (2%)(0%)1/50 (2%)0/50 (0%)3/90 (3%)1/50 (2%)0/50 (0%)0/90 (0%)1/50 (0%) (2%)0/50 2/50 (4%)1/50 (2%)0/50 (0%)1/50 (2%)2/50 (4%)0/50 (0%)21/789 (2.66%) Mean 2.62% Overall Incidence Total SD 2.07% Total 4/840 (0.48%) Mean 0.5% SD 0.89% #Intestine Small: Site Unspecified: Leiomyosarcoma 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)(0%)0/50 (0%)0/49 0/50 1/50 (2%)(0%)0/50 (0%)0/50 (0%)0/50 (0%)1/50 (2%)0/50 (0%)0/50 (0%)0/50 (0%)(0%)0/90 0/90 0/50 (0%)0/50 (0%)0/50 (0%)(0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)

SD 0%

0/50

2/840 (0.24%)

Total

(0%)

Mean 0.25%

SD 0.68%

Total

0/50

0/789 (0%)

(0%)

Mean 0%

Overall Incidence

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^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups
Route: ALL ROUTES

Report Date: 12/18/2020

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Species: MICE Strain: B6C3F1/N

Vehicle: ALL VEHICLES

Length of Study: CHRONIC

					Male						F	emale		
#Intestine Small: Site Uns Mast Cell Tumor	specified:													
		0/50	(0%)			0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	1/90	(1%)		0/50	(0%)	0/50	(0%)	0/90	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)		, ,		, ,		0/50	(0%)		` ,		, ,
Overall Incidence	Total	1/789 (0.13	3%)	Mean 0	.07%	SD 0.299	%	Total	0/840 (0%)	Mea	ın 0%	SD	0%
#Intestine Small: Site Uns Polyp Adenomatous	specified:													
		0/50	(0%)			1/50	(2%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/90	(0%)		0/50	(0%)	0/50	(0%)	0/90	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)						0/50	(0%)				
Overall Incidence	Total	1/789 (0.13		Mean 0		SD 0.529		Total	0/840 (,		ın 0%	SD	
*Islets, Pancreatic: Adenoma														
		0/49	(0%)			0/48	(0%)		0/50	(0%)	0/50	(0%)	0/49	(0%)
		0/50	(0%)	1/50	(2%)	1/47	(2%)		0/50	(0%)	1/50	(2%)	0/49	(0%)
		1/50	(2%)	2/50	(4%)	0/50	(0%)		0/50	(0%)	1/50	(2%)	0/50	(0%)
		1/50	(2%)	1/50	(2%)	0/88	(0%)		0/50	(0%)	1/50	(2%)	0/87	(0%)
		0/50	(0%)	1/47	(2%)	0/50	(0%)		0/49	(0%)	0/48	(0%)	0/50	(0%)
		1/50	(2%)						0/50	(0%)				
Overall Incidence	Total	9/779 (1.16	6%)	Mean 1	.22%	SD 1.289	%	Total	3/832 (0.	36%)	Mean	0.38%	SD 0.	.81%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1/N

Length of Study: CHRONIC

Toxicology Data Management System

Page: 23 Tumor Incidence for Selected Control Animal Groups Report Date: 12/18/2020 Route: ALL ROUTES Vehicle: ALL VEHICLES

					Male						F	emale		
*Islets, Pancreatic: Carcinoma							,		,					,
		0/49	(0%)			0/48	(0%)		0/50	(0%)	0/50	(0%)	0/49	(0%)
		0/50	(0%)	1/50	(2%)	0/47	(0%)		0/50	(0%)	0/50	(0%)	0/49	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/88	(0%)		0/50	(0%)	0/50	(0%)	1/87	(1%)
		0/50	(0%)	0/47	(0%)	0/50	(0%)		0/49	(0%)	0/48	(0%)	0/50	(0%)
		0/50	(0%)						0/50	(0%)				
Overall Incidence	Total	1/779 (0.139	,	Mean 0		SD 0.529		Total	1/832 (0			0.07%	SD 0.	.29%
*Islets, Pancreatic: Carcinoma or Adenoma														
		0/49	(0%)			0/48	(0%)		0/50	(0%)	0/50	(0%)	0/49	(0%)
		0/50	(0%)	2/50	(4%)	1/47	(2%)		0/50	(0%)	1/50	(2%)	0/49	(0%)
		1/50	(2%)	2/50	(4%)	0/50	(0%)		0/50	(0%)	1/50	(2%)	0/50	(0%)
		1/50	(2%)	1/50	(2%)	0/88	(0%)		0/50	(0%)	1/50	(2%)	1/87	(1%)
		0/50	(0%)	1/47	(2%)	0/50	(0%)		0/49	(0%)	0/48	(0%)	0/50	(0%)
		1/50	(2%)						0/50	(0%)				
Overall Incidence	Total	10/779 (1.28	•	Mean 1		SD 1.469		Total	4/832 (0	,		0.45%	SD 0.	
*Kidney: Renal Tubule: Adenoma														
		0/50	(0%)			0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	1/50	(2%)	0/48	(0%)		0/50	(0%)	0/50	(0%)	0/49	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/49	(0%)
		0/50	(0%)	0/50	(0%)	0/90	(0%)		1/50	(2%)	0/50	(0%)	2/89	(2%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		1/49	(2%)						0/50	(0%)				
Overall Incidence	Total	2/786 (0.259	%)	Mean 0	.27%	SD 0.719	%	Total	3/837 (0.	36%)	Mean	0.27%	SD 0.	.73%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

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: ALL ROUTES
Vehicle: ALL VEHICLES

Page: 24 Report Date: 12/18/2020

					Male						F	emale		
*Kidney: Renal Tubule: Carcinoma														
		0/50	(0%)			0/49	(0%)		0/50	(0%)	0/50	(0%)	1/50	(2%)
		0/50	(0%)	2/50	(4%)	0/48	(0%)		0/50	(0%)	0/50	(0%)	0/49	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/49	(0%)
		0/50	(0%)	0/50	(0%)	0/90	(0%)		0/50	(0%)	0/50	(0%)	0/89	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/49	(0%)		, ,		, ,		0/50	(0%)		, ,		, ,
Overall Incidence	Total	2/786 (0.259	,	Mean 0		SD 1.039		Total	1/837 (0.	,		0.12%	SD 0	.5%
*Kidney: Renal Tubule: Carcinoma or Adenoma		0/50	(00/)			0/49	(00/)		0/50	(00/)	0/50	(00()	1/50	(20/)
			(0%)	2/50	(00/)		(0%)		0/50	(0%)	0/50	(0%)	1/50	(2%)
		0/50 0/50	(0%) (0%)	3/50 0/50	(6%) (0%)	0/48 0/50	(0%) (0%)		0/50 0/50	(0%) (0%)	0/50 0/50	(0%) (0%)	0/49 0/49	(0%) (0%)
		0/50	(0%)	0/50	(0%)	0/90	(0%)		1/50	(2%)	0/50	(0%)	2/89	(2%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		1/49	(2%)	0/30	(0 /0)	0/30	(0 /0)		0/50	(0%)	0/30	(0 /0)	0/30	(0 76)
Overall Incidence	Total		` ,	Maan O	E 40/	SD 1.6%	,	Total	4/837 (0.	` '	Maan	0.200/	SD 0.	0.40/
Overall incidence	Total	4/786 (0.519	,	Mean 0					`	,		0.39%		
*Kidney: Renal Tubule: Hemangiosarcoma														
		0/50	(0%)			0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/48	(0%)		0/50	(0%)	0/50	(0%)	0/49	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/49	(0%)
		0/50	(0%)	0/50	(0%)	0/90	(0%)		0/50	(0%)	0/50	(0%)	0/89	(0%)
		0/50	(0%)	1/50	(2%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/49	(0%)						0/50	(0%)				
Overall Incidence	Total	1/786 (0.139	%)	Mean 0	.13%	SD 0.529	%	Total	0/837 (0%)	Mea	n 0%	SD	0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

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: ALL ROUTES
Vehicle: ALL VEHICLES

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					Male						F	emale		
*Kidney: Renal Tubule: Mast Cell Tumor							,							
		0/50	(0%)			0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/48	(0%)		0/50	(0%)	0/50	(0%)	0/49	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/49	(0%)
		0/50	(0%)	0/50	(0%)	1/90	(1%)		0/50	(0%)	0/50	(0%)	0/89	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/49	(0%)						0/50	(0%)				
Overall Incidence	Total	1/786 (0.13	%)	Mean 0	.07%	SD 0.299	%	Total	0/837 (0%)	Mea	n 0%	SD	0%
*Kidney: Renal Tubule: Renal Mesenchymal Tumo	or													
•		0/50	(0%)			0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/48	(0%)		0/50	(0%)	0/50	(0%)	0/49	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/49	(0%)
		0/50	(0%)	0/50	(0%)	0/90	(0%)		0/50	(0%)	0/50	(0%)	1/89	(1%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/49	(0%)						0/50	(0%)				
Overall Incidence	Total	0/786 (0%	,	Mean		SD 0%		Total	1/837 (0.	,		0.07%	SD 0.	
*Liver: Cholangiocarcinoma														
		1/50	(2%)			0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/90	(0%)		0/50	(0%)	0/50	(0%)	0/89	(0%)
		0/50	(0%)	1/50	(2%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)						0/50	(0%)				
Overall Incidence	Total	2/789 (0.25	%)	Mean 0	.27%	SD 0.7%	, 0	Total	0/839 (0%)	Mea	n 0%	SD	0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

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: ALL ROUTES
Vehicle: ALL VEHICLES

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			Male						F	emale		
*Liver: Hemangioma												
•		0/50 (0%)		0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50 (0%)	2/50 (4%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	1/50	(2%)
		0/50 (0%)	0/50 (0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50 (0%)	0/50 (0%)	0/90	(0%)		0/50	(0%)	0/50	(0%)	0/89	(0%)
		0/50 (0%)	1/50 (2%)		(4%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		1/50 (2%)	,		` ,		0/50	(0%)		` ,		,
Overall Incidence	Total	6/789 (0.76%)	Mean 0.8%	SD 1.47%		Total	1/839 (0.	,		0.12%	SD 0	
*Liver: Hemangiosarcoma												
J		0/50 (0%)		0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		3/50 (6%)	3/50 (6%)	0/49	(0%)		0/50	(0%)	1/50	(2%)	0/50	(0%)
		4/50 (8%)	0/50 (0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50 (0%)	0/50 (0%)	1/90	(1%)		0/50	(0%)	0/50	(0%)	0/89	(0%)
		1/50 (2%)	2/50 (4%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50 (0%)	,		` ,		1/50	(2%)		` ,		,
Overall Incidence	Total	14/789 (1.77%)	Mean 1.81%	SD 2.78%		Total	2/839 (0.	24%)	Mean	0.25%	SD 0.	68%
*Liver: Hepatoblastoma												
		2/50 (4%)		1/50	(2%)		0/50	(0%)	0/50	(0%)	1/50	(2%)
		0/50 (0%)	2/50 (4%)	1/49	(2%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		3/50 (6%)	0/50 (0%)	0/50	(0%)		0/50	(0%)	1/50	(2%)	1/50	(2%)
		1/50 (2%)	1/50 (2%)	6/90	(7%)		0/50	(0%)	0/50	(0%)	1/89	(1%)
		1/50 (2%)	4/50 (8%)	2/50	(4%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		1/50 (2%)					0/50	(0%)				
Overall Incidence	Total	25/789 (3.17%)	Mean 2.98%	SD 2.44%		Total	4/839 (0.	48%)	Mean	0.45%	SD 0.	82%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

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: ALL ROUTES
Vehicle: ALL VEHICLES

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			Male				Female	
*Liver:								
Hepatocellular Adenoma								
		30/50 (60%)		17/50 (34%)		11/50 (22%)	6/50 (12%)	6/50 (12%)
		18/50 (36%)	35/50 (70%)	21/49 (43%)		3/50 (6%)	12/50 (24%)	3/50 (6%)
		26/50 (52%)	24/50 (48%)	23/50 (46%)		7/50 (14%)	14/50 (28%)	9/50 (18%)
		25/50 (50%)	23/50 (46%)	52/90 (58%)		12/50 (24%)	5/50 (10%)	19/89 (21%)
		25/50 (50%)	26/50 (52%)	32/50 (64%)		8/50 (16%)	11/50 (22%)	13/50 (26%)
		21/50 (42%)				11/50 (22%)		
Overall Incidence	Total	398/789 (50.44%)	Mean 50.04%	SD 9.88%	Total	150/839 (17.88%)	Mean 17.71%	SD 7.01%
*Liver:								
Hepatocellular Carcinoma	a							
·		15/50 (30%)		17/50 (34%)		6/50 (12%)	3/50 (6%)	5/50 (10%)
		10/50 (20%)	15/50 (30%)	8/49 (16%)		1/50 (2%)	5/50 (10%)	1/50 (2%)
		12/50 (24%)	11/50 (22%)	21/50 (42%)		6/50 (12%)	10/50 (20%)	7/50 (14%)
		8/50 (16%)	18/50 (36%)	28/90 (31%)		7/50 (14%)	4/50 (8%)	8/89 (9%)
		7/50 (14%)	15/50 (30%)	11/50 (22%)		3/50 (6%)	2/50 (4%)	2/50 (4%)
		5/50 (10%)	,	,		1/50 (2%)	,	,
Overall Incidence	Total	201/789 (25.48%)	Mean 25.16%	SD 9.06%	Total	71/839 (8.46%)	Mean 8.44%	SD 5.18%
*Liver:			• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •		•••••		
Hepatocellular Carcinoma	a or Hepatob	lastoma						
,		16/50 (32%)		18/50 (36%)		6/50 (12%)	3/50 (6%)	6/50 (12%)
		10/50 (20%)	17/50 (34%)	8/49 (16%)		1/50 (2%)	5/50 (10%)	1/50 (2%)
		15/50 (30%)	11/50 (22%)	21/50 (42%)		6/50 (12%)	10/50 (20%)	7/50 (14%)
		9/50 (18%)	18/50 (36%)	32/90 (36%)		7/50 (14%)	4/50 (8%)	9/89 (10%)
		8/50 (16%)	17/50 (34%)	12/50 (24%)		3/50 (6%)	2/50 (4%)	2/50 (4%)
		6/50 (12%)	(2.70)	(= : , 0)		1/50 (2%)	_, _, _,	(175)
Overall Incidence	Total	218/789 (27.63%)	Mean 27.19%	SD 9.32%	Total	73/839 (8.7%)	Mean 8.63%	SD 5.25%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1/N

Length of Study: CHRONIC

Toxicology Data Management System

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Report Date: 12/18/2020

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES Vehicle: ALL VEHICLES

			Male				Female	
_iver:								
Hepatocellular Carcinon	na or Hepatoc	ellular Adenoma						
		39/50 (78%)		31/50 (62%)		14/50 (28%)	8/50 (16%)	11/50 (22%)
		24/50 (48%)	40/50 (80%)	26/49 (53%)		4/50 (8%)	14/50 (28%)	4/50 (8%)
		35/50 (70%)	32/50 (64%)	34/50 (68%)		12/50 (24%)	20/50 (40%)	15/50 (30%)
		30/50 (60%)	31/50 (62%)	67/90 (74%)		18/50 (36%)	8/50 (16%)	25/89 (28%)
		29/50 (58%)	33/50 (66%)	39/50 (78%)		9/50 (18%)	13/50 (26%)	15/50 (30%)
		23/50 (46%)				12/50 (24%)		
verall Incidence	Total	513/789 (65.02%)	Mean 64.5%	SD 10.59%	Total	202/839 (24.08%)	Mean 23.88%	SD 8.96%
_iver:								
Hepatocellular Carcinon	na. Henatocel	lular Adenoma, or Henato	blastoma					
	, гориновог	39/50 (78%)		32/50 (64%)		14/50 (28%)	8/50 (16%)	12/50 (24%)
		24/50 (48%)	40/50 (80%)	26/49 (53%)		4/50 (8%)	14/50 (28%)	4/50 (8%)
		36/50 (72%)	32/50 (64%)	34/50 (68%)		12/50 (24%)	20/50 (40%)	15/50 (30%)
		31/50 (62%)	31/50 (62%)	68/90 (76%)		18/50 (36%)	8/50 (16%)	25/89 (28%)
		30/50 (60%)	34/50 (68%)	39/50 (78%)		9/50 (18%)	13/50 (26%)	15/50 (30%)
		24/50 (48%)	0 1/00 (00 /0)	(1070)		12/50 (24%)	(2070)	(0070)
verall Incidence	Total	520/789 (65.91%)	Mean 65.37%	SD 10.37%	Total	203/839 (24.2%)	Mean 24.01%	SD 8.95%
_iver:								
Hepatocholangiocarcino	oma	4/50 (00/)		4/50 (00/)		4/50 (00/)	0/50 (00/)	0/50 (00/)
		1/50 (2%)	0/50 (00/)	1/50 (2%)		1/50 (2%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	1/49 (2%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		3/50 (6%)	0/50 (0%)	1/90 (1%)		0/50 (0%)	0/50 (0%)	0/89 (0%)
		2/50 (4%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)		
verall Incidence	Total	9/789 (1.14%)	Mean 1.14%	SD 1.81%	Total	1/839 (0.12%)	Mean 0.12%	SD 0.5%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

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: ALL ROUTES
Vehicle: ALL VEHICLES

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			Male				Female	
*Liver: Ito Cell Tumor Benign								
•		0/50 (0%)		0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/90 (0%)		0/50 (0%)	0/50 (0%)	0/89 (0%)
		1/50 (2%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	1/789 (0.13%)	Mean 0.13%	SD 0.52%	Total	0/839 (0%)	Mean 0%	SD 0%
Liver: Mast Cell Tumor								
		0/50 (0%)		0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	1/90 (1%)		0/50 (0%)	0/50 (0%)	0/89 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	1/789 (0.13%)	Mean 0.07%	SD 0.29%	Total	0/839 (0%)	Mean 0%	SD 0%
Lung: Alveolar/Bronchiolar Ac								
		10/50 (20%)		5/50 (10%)		1/50 (2%)	2/50 (4%)	3/50 (6%)
		9/50 (18%)	12/50 (24%)	7/49 (14%)		2/50 (4%)	5/50 (10%)	5/50 (10%)
		4/50 (8%)	5/50 (10%)	6/50 (12%)		1/50 (2%)	1/50 (2%)	4/50 (8%)
		11/50 (22%)	5/50 (10%)	13/90 (14%)		5/50 (10%)	1/50 (2%)	3/90 (3%)
		8/50 (16%)	5/50 (10%)	6/50 (12%)		1/50 (2%)	2/50 (4%)	5/50 (10%)
		8/50 (16%)	,	, ,		3/50 (6%)	` ,	, ,
Overall Incidence	Total	114/789 (14.45%)	Mean 14.45%	SD 4.85%	Total	44/840 (5.24%)	Mean 5.33%	SD 3.27%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

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: ALL ROUTES
Vehicle: ALL VEHICLES

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			Male			Female						
Lung:												
Alveolar/Bronchiolar C	arcinoma											
		4/50 (8%)		5/50 (10%)		2/50 (4%)	0/50 (0%)	3/50 (6%)				
		3/50 (6%)	2/50 (4%)	5/49 (10%)		0/50 (0%)	1/50 (2%)	0/50 (0%)				
		4/50 (8%)	8/50 (16%)	10/50 (20%)		2/50 (4%)	4/50 (8%)	5/50 (10%)				
		6/50 (12%)	5/50 (10%)	13/90 (14%)		0/50 (0%)	0/50 (0%)	3/90 (3%)				
		4/50 (8%)	2/50 (4%)	4/50 (8%)		3/50 (6%)	2/50 (4%)	1/50 (2%)				
		1/50 (2%)				1/50 (2%)						
Overall Incidence	Total	76/789 (9.63%)	Mean 9.38%	SD 4.8%	Total	27/840 (3.21%)	Mean 3.21%	SD 3.08%				
		13/50 (26%)		0/50 /18%)								
Overall Incidence	Total	13/50 (26%) 11/50 (22%) 8/50 (16%) 17/50 (34%) 11/50 (22%) 9/50 (18%) 180/789 (22.81%)	14/50 (28%) 13/50 (26%) 10/50 (20%) 7/50 (14%) Mean 22.67%	9/50 (18%) 11/49 (22%) 14/50 (28%) 23/90 (26%) 10/50 (20%) SD 5.31%	Total	3/50 (6%) 2/50 (4%) 3/50 (6%) 5/50 (10%) 4/50 (8%) 4/50 (8%) 70/840 (8.33%)	2/50 (4%) 6/50 (12%) 4/50 (8%) 1/50 (2%) 4/50 (8%) Mean 8.42%	6/50 (12%) 5/50 (10%) 9/50 (18%) 6/90 (7%) 6/50 (12%) SD 3.92%				
		11/50 (22%) 8/50 (16%) 17/50 (34%) 11/50 (22%) 9/50 (18%) 180/789 (22.81%)	13/50 (26%) 10/50 (20%) 7/50 (14%) Mean 22.67%	11/49 (22%) 14/50 (28%) 23/90 (26%) 10/50 (20%) SD 5.31%		2/50 (4%) 3/50 (6%) 5/50 (10%) 4/50 (8%) 4/50 (8%)	6/50 (12%) 4/50 (8%) 1/50 (2%) 4/50 (8%) Mean 8.42%	5/50 (10%) 9/50 (18%) 6/90 (7%) 6/50 (12%) SD 3.92%				
Lung:		11/50 (22%) 8/50 (16%) 17/50 (34%) 11/50 (22%) 9/50 (18%) 180/789 (22.81%)	13/50 (26%) 10/50 (20%) 7/50 (14%) Mean 22.67%	11/49 (22%) 14/50 (28%) 23/90 (26%) 10/50 (20%) SD 5.31%		2/50 (4%) 3/50 (6%) 5/50 (10%) 4/50 (8%) 4/50 (8%) 70/840 (8.33%)	6/50 (12%) 4/50 (8%) 1/50 (2%) 4/50 (8%) Mean 8.42%	5/50 (10%) 9/50 (18%) 6/90 (7%) 6/50 (12%) SD 3.92%				
Lung:		11/50 (22%) 8/50 (16%) 17/50 (34%) 11/50 (22%) 9/50 (18%) 180/789 (22.81%)	13/50 (26%) 10/50 (20%) 7/50 (14%) Mean 22.67%	11/49 (22%) 14/50 (28%) 23/90 (26%) 10/50 (20%) SD 5.31%		2/50 (4%) 3/50 (6%) 5/50 (10%) 4/50 (8%) 4/50 (8%) 70/840 (8.33%)	6/50 (12%) 4/50 (8%) 1/50 (2%) 4/50 (8%) Mean 8.42%	5/50 (10%) 9/50 (18%) 6/90 (7%) 6/50 (12%) SD 3.92%				
Lung:		11/50 (22%) 8/50 (16%) 17/50 (34%) 11/50 (22%) 9/50 (18%) 180/789 (22.81%)	13/50 (26%) 10/50 (20%) 7/50 (14%) Mean 22.67%	11/49 (22%) 14/50 (28%) 23/90 (26%) 10/50 (20%) SD 5.31%		2/50 (4%) 3/50 (6%) 5/50 (10%) 4/50 (8%) 4/50 (8%) 70/840 (8.33%)	6/50 (12%) 4/50 (8%) 1/50 (2%) 4/50 (8%) Mean 8.42%	5/50 (10%) 9/50 (18%) 6/90 (7%) 6/50 (12%) SD 3.92%				
Lung:		11/50 (22%) 8/50 (16%) 17/50 (34%) 11/50 (22%) 9/50 (18%) 180/789 (22.81%) 0/50 (0%) 0/50 (0%)	13/50 (26%) 10/50 (20%) 7/50 (14%) Mean 22.67%	11/49 (22%) 14/50 (28%) 23/90 (26%) 10/50 (20%) SD 5.31% 0/50 (0%) 0/49 (0%)		2/50 (4%) 3/50 (6%) 5/50 (10%) 4/50 (8%) 4/50 (8%) 70/840 (8.33%) 0/50 (0%) 0/50 (0%)	6/50 (12%) 4/50 (8%) 1/50 (2%) 4/50 (8%) Mean 8.42%	5/50 (10%) 9/50 (18%) 6/90 (7%) 6/50 (12%) SD 3.92%				
Lung:		11/50 (22%) 8/50 (16%) 17/50 (34%) 11/50 (22%) 9/50 (18%) 180/789 (22.81%) 0/50 (0%) 0/50 (0%) 0/50 (0%)	13/50 (26%) 10/50 (20%) 7/50 (14%) Mean 22.67% 0/50 (0%) 0/50 (0%)	11/49 (22%) 14/50 (28%) 23/90 (26%) 10/50 (20%) SD 5.31% 0/50 (0%) 0/49 (0%) 0/50 (0%)		2/50 (4%) 3/50 (6%) 5/50 (10%) 4/50 (8%) 4/50 (8%) 70/840 (8.33%) 0/50 (0%) 0/50 (0%) 0/50 (0%)	6/50 (12%) 4/50 (8%) 1/50 (2%) 4/50 (8%) Mean 8.42% 0/50 (0%) 0/50 (0%) 0/50 (0%)	5/50 (10%) 9/50 (18%) 6/90 (7%) 6/50 (12%) SD 3.92% 0/50 (0%) 0/50 (0%) 0/50 (0%)				
Lung:		11/50 (22%) 8/50 (16%) 17/50 (34%) 11/50 (22%) 9/50 (18%) 180/789 (22.81%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 1/50 (2%)	13/50 (26%) 10/50 (20%) 7/50 (14%) Mean 22.67% 0/50 (0%) 0/50 (0%) 0/50 (0%)	11/49 (22%) 14/50 (28%) 23/90 (26%) 10/50 (20%) SD 5.31% 0/50 (0%) 0/49 (0%) 0/50 (0%) 0/90 (0%)		2/50 (4%) 3/50 (6%) 5/50 (10%) 4/50 (8%) 4/50 (8%) 70/840 (8.33%) 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)	6/50 (12%) 4/50 (8%) 1/50 (2%) 4/50 (8%) Mean 8.42% 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/50 (0%)	5/50 (10%) 9/50 (18%) 6/90 (7%) 6/50 (12%) SD 3.92% 0/50 (0%) 0/50 (0%) 0/50 (0%) 0/90 (0%)				

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

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: ALL ROUTES
Vehicle: ALL VEHICLES

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					Male			Female							
*Lung: Mast Cell Tumor															
		0/50	(0%)			0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
			(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
			(0%)	0/50	(0%)	1/90	(1%)		0/50	(0%)	0/50	(0%)	0/90	(0%)	
			(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)		` ,		` ,		0/50	(0%)		` ,		, ,	
Overall Incidence	Total	1/789 (0.13%	,	Mean 0		SD 0.299		Total	0/840 (0%)		Mean 0%		SD 0%		
#Lymph Node: Hemangiosarcoma															
		0/50	(0%)			0/50	(0%)		1/50	(2%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	1/50	(2%)	
		0/50	(0%)	0/50	(0%)	0/90	(0%)		0/50	(0%)	0/50	(0%)	0/90	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)						1/50	(2%)					
Overall Incidence	Total	0/789 (0%)		Mean		SD 0%		Total	3/840 (0.	,		0.38%	SD 0.		
Lymph Node: Mast Cell Tumor															
		0/50	(0%)			0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	1/90	(1%)		0/50	(0%)	0/50	(0%)	0/90	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)						0/50	(0%)					
Overall Incidence	Total	1/789 (0.13%	(a)	Mean 0	.07%	SD 0.299	%	Total	0/840 (0%)	Mea	n 0%	SD	0%	

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1/N

Contract/Lab: All Laboratories

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES Vehicle: ALL VEHICLES

Length of Study: CHRONIC

			Male	Female							
#Lymph Node, Mandibular: Mast Cell Tumor											
		0/50 (0%)	0/50 (0%)	5) 0/50 (0%) 0/50 (0%) 0/50 (0%)							
		0/50 (0%)	0/50 (0%) 0/49 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)							
		0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)							
		0/50 (0%)	0/50 (0%) 1/90 (1%)	0/50 (0%) 0/50 (0%) 0/90 (0%)							
		0/50 (0%)	0/50 (0%) 0/50 (0%)	, , , , , , , , , , , , , , , , , , , ,							
		0/50 (0%)	, , , , , , , , , , , , , , , , , , , ,	0/50 (0%)							
Overall Incidence	Total	1/789 (0.13%)	Mean 0.07% SD 0.29%	Total 0/840 (0%) Mean 0% SD 0%							
#Lymph Node, Mandibular: Mast Cell Tumor Malignan											
		0/50 (0%)	0/50 (0%)	5) 0/50 (0%) 0/50 (0%) 0/50 (0%)							
		0/50 (0%)	0/50 (0%) 0/49 (0%)	5) 0/50 (0%) 0/50 (0%) 0/50 (0%)							
		0/50 (0%)	0/50 (0%) 0/50 (0%)	5) 0/50 (0%) 0/50 (0%) 0/50 (0%)							
		0/50 (0%)	0/50 (0%) 0/90 (0%)	5) 0/50 (0%) 0/50 (0%) 0/90 (0%)							
		0/50 (0%)	1/50 (2%) 0/50 (0%)	5) 0/50 (0%) 0/50 (0%) 0/50 (0%)							
		0/50 (0%)		0/50 (0%)							
Overall Incidence	Total	1/789 (0.13%)	Mean 0.13% SD 0.52%	Total 0/840 (0%) Mean 0% SD 0%							
#Lymph Node, Mesenteric: Hemangioma											
		0/50 (0%)	0/50 (0%)	5) 0/50 (0%) 0/50 (0%) 0/50 (0%)							
		0/50 (0%)	0/50 (0%) 0/49 (0%)								
		0/50 (0%)	0/50 (0%) 0/50 (0%)	,							
		0/50 (0%)	0/50 (0%) 1/90 (1%)	,							
		0/50 (0%)	0/50 (0%) 0/50 (0%)								
		0/50 (0%)		0/50 (0%)							
Overall Incidence	Total	1/789 (0.13%)	Mean 0.07% SD 0.29%	Total 1/840 (0.12%) Mean 0.12% SD 0.5%							

^{*:} Denominator is number of animals with tissues examined microscopically

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^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

Species: MICE Strain: B6C3F1/N Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

					Male				Female							
#Lymph Node, Mesenteric: Hemangiosarcoma																
•		0/50	(0%)			0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	1/50	(2%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/90	(0%)		0/50	(0%)	0/50	(0%)	0/90	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)		, ,		, ,		0/50	(0%)		, ,		,		
Overall Incidence	Total	1/789 (0.13	,	Mean 0		SD 0.529		Total	0/840 (n 0%	SD			
#Lymph Node, Mesenteric: Mast Cell Tumor																
		0/50	(0%)			0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	1/90	(1%)		0/50	(0%)	0/50	(0%)	0/90	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)						0/50	(0%)						
Overall Incidence	Total	1/789 (0.13	,	Mean 0		SD 0.299		Total	0/840 (,		n 0%	SD			
#Lymph Node, Mesenteric: Mast Cell Tumor Malignant																
		0/50	(0%)			0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/50	(0%)	0/90	(0%)		0/50	(0%)	0/50	(0%)	0/90	(0%)		
		0/50	(0%)	1/50	(2%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)						0/50	(0%)						
Overall Incidence	Total	1/789 (0.13	%)	Mean 0	.13%	SD 0.529	%	Total	0/840 (0%)	Mea	n 0%	SD	0%		

^{*:} Denominator is number of animals with tissues examined microscopically

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^{#:} Denominator is number of animals necropsied

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: ALL ROUTES
Vehicle: ALL VEHICLES

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					Male			Female							
#Mammary Gland: Adenoma															
		0/50	(0%)			0/50	(0%)		0/50	(0%)	0/50	(0%)	1/50	(2%)	
		0/50	(0%)	0/50	(0%)	0/49	(0%)		1/50	(2%)	0/50	(0%)	1/50	(2%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/90	(0%)		0/50	(0%)	0/50	(0%)	0/90	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		1/50	(2%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)						2/50	(4%)					
verall Incidence	Total	0/789 (0%	,	Mean		SD 0%		Total	6/840 (0	,	Mean 0.75%		SD 1.24%		
Mammary Gland: Carcinoma															
		0/50	(0%)			0/50	(0%)		1/50	(2%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	1/49	(2%)		3/50	(6%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		1/50	(2%)	2/50	(4%)	0/50	(0%)	
		1/50	(2%)	0/50	(0%)	0/90	(0%)		0/50	(0%)	1/50	(2%)	0/90	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	1/50	(2%)	0/50	(0%)	
		0/50	(0%)						0/50	(0%)					
Overall Incidence	Total	2/789 (0.25	,	Mean 0		SD 0.719		Total	9/840 (1	,		1.12%	SD 1.		
Mammary Gland: Carcinoma or Adenoma															
		0/50	(0%)			0/50	(0%)		1/50	(2%)	0/50	(0%)	1/50	(2%)	
		0/50	(0%)	0/50	(0%)	1/49	(2%)		4/50	(8%)	0/50	(0%)	1/50	(2%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		1/50	(2%)	2/50	(4%)	0/50	(0%)	
		1/50	(2%)	0/50	(0%)	0/90	(0%)		0/50	(0%)	1/50	(2%)	0/90	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		1/50	(2%)	1/50	(2%)	0/50	(0%)	
		0/50	(0%)						2/50	(4%)					
verall Incidence	Total	2/789 (0.25	%)	Mean 0	.27%	SD 0.719	%	Total	15/840 (1	.79%)	Mean	1.87%	SD 2.	13%	

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

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: ALL ROUTES
Vehicle: ALL VEHICLES

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					Male						F	emale		
#Mammary Gland:														
Fibroma, Fibroadenon	na or Adenoma													
		0/50	(0%)			0/50	(0%)		0/50	(0%)	0/50	(0%)	1/50	(2%)
		0/50	(0%)	0/50	(0%)	0/49	(0%)		1/50	(2%)	0/50	(0%)	1/50	(2%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/90	(0%)		0/50	(0%)	0/50	(0%)	0/90	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		1/50	(2%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)						2/50	(4%)				
Overall Incidence	Total	0/789 (0%	,	Mean		SD 0%		Total	6/840 (0	.71%)	Mean	0.75%	SD 1.	24%
Fibroma, Fibroadenon Overall Incidence	Total	0/50 0/50 0/50 1/50 0/50 0/50 2/789 (0.25	•	0/50 0/50 0/50 0/50 0/50 Mean 0		0/50 1/49 0/50 0/90 0/50 SD 0.71		Total	1/50 4/50 1/50 0/50 1/50 2/50 15/840 (1	,		(0%) (0%) (4%) (2%) (2%) 1.87%	1/50 1/50 0/50 0/90 0/50 SD 2.	
#Mesentery: Hemangioma														
		0/50	(0%)			0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	1/50	(2%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/90	(0%)		0/50	(0%)	0/50	(0%)	1/90	(1%)
									0/50	(00/)	0/50	(00()	0/50	(00/)
		0/50	(0%)	0/50	(0%)	0/50	(0%)			(0%)	0/50	(0%)	0/50	(0%)
		0/50 0/50 1/789 (0.13	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

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: ALL ROUTES
Vehicle: ALL VEHICLES

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				Male			Female							
#Mesentery: Hemangiosarcoma														
J		0/50 (0	0%)		0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
			0/50°) 0/50°	(0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50 (0	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50 ((0/50	(0%)	1/90	(1%)		1/50	(2%)	0/50	(0%)	0/90	(0%)	
		,	0%) 1/50	` '	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50 (0	0%)	, ,		, ,		0/50	(0%)		` ,		` ,	
Overall Incidence	Total	2/789 (0.25%)		0.21%	SD 0.57		Total	1/840 (0.12%)		Mean 0.12%		SD 0.5%		
#Mesentery: Lipoma														
·		0/50 (0	0%)		0/50	(0%)		1/50	(2%)	0/50	(0%)	0/50	(0%)	
		,	0/50 0/50	(0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		,	0/50°) 0/50°	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50 (0	0/50	(0%)	1/90	(1%)		0/50	(0%)	0/50	(0%)	0/90	(0%)	
		0/50 (0	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50 (0	0%)	` ,		` ,		0/50	(0%)		` ,		` ,	
Overall Incidence	Total	1/789 (0.13%)	Mean	0.07%	SD 0.29	%	Total	1/840 (0	12%)	Mean	0.12%	SD 0	.5%	
#Mesentery: Sarcoma								•••••						
		0/50 (0	0%)		0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		,	0/50	` '	0/49	(0%)		0/50	(0%)	0/50	(0%)	1/50	(2%)	
		,	0%) 0/50	` '	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		,	0/50	` '	0/90	(0%)		0/50	(0%)	0/50	(0%)	0/90	(0%)	
			0%) 0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50 (0	0%)					0/50	(0%)					
Overall Incidence	Total	0/789 (0%)	Mea	า 0%	SD 0%		Total	1/840 (0	12%)	Mean	0.12%	SD 0	.5%	

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

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: ALL ROUTES
Vehicle: ALL VEHICLES

Page: 37

			Male			Female							
*Nose: Adenoma													
		0/50 (0%)		0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50 (0%)	0/50 (0%)	0/49	(0%)		0/50	(0%)	1/48	(2%)	0/50	(0%)	
		0/50 (0%)	0/50 (0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50 (0%)	0/50 (0%)	0/90	(0%)		0/50	(0%)	0/50	(0%)	0/89	(0%)	
		0/50 (0%)	0/50 (0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50 (0%)	` ,		` ,		0/50	(0%)		` ,		,	
Overall Incidence	Total	0/787 (0%)	Mean 0%	SD 0%	,	Total	1/837 (0.	12%)	Mean	0.13%	SD 0.	.52%	
*Nose:													
Carcinoma		0/50 (00/)		0/40	(00()		0/50	(00()	0/50	(00()	0/50	(00/)	
		0/50 (0%)	0/50 (00/)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50 (0%)	0/50 (0%)	0/49	(0%)		0/50	(0%)	0/48	(0%)	0/50	(0%)	
		0/50 (0%)	0/50 (0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50 (0%)	0/50 (0%)	0/90 0/50	(0%)		0/50	(0%)	0/50	(0%)	0/89 0/50	(0%)	
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50	(0%)		0/50 1/50	(0%) (2%)	0/50	(0%)	0/50	(0%)	
Overall Incidence	Total	0/787 (0%)	Mean 0%	SD 0%		Total	1/837 (0.	` '	Mean	0.12%	SD 0	1.5%	
*Nose: Polyp													
		0/50 (0%)		1/49	(2%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50 (0%)	0/50 (0%)	0/49	(0%)		0/50	(0%)	0/48	(0%)	0/50	(0%)	
		0/50 (0%)	0/50 (0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50 (0%)	0/50 (0%)	0/90	(0%)		0/50	(0%)	0/50	(0%)	0/89	(0%)	
		0/50 (0%)	0/50 (0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50 (0%)					0/50	(0%)					
Overall Incidence	Total	1/787 (0.13%)	Mean 0.14%	SD 0.539	%	Total	0/837 (0%)	Mea	n 0%	SD	0%	

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1/N

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

Vehicle: ALL VEHICLES

Route: ALL ROUTES

Length of Study: CHRONIC

			Male	Female
#Oral Cavity (Oral Mucos Papilloma Squamous o		ynx, Tooth, Gingiva):		
	•	0/50 (0%)	0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)
		0/50 (0%)	0/50 (0%) 0/49 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)
		0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)
		1/50 (2%)	0/50 (0%) 0/90 (0%)	0/50 (0%) 0/50 (0%) 0/90 (0%)
		0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 1/50 (2%) 1/50 (2%)
		0/50 (0%)	(***)	0/50 (0%)
Overall Incidence	Total	1/789 (0.13%)	Mean 0.13% SD 0.52%	Total 2/840 (0.24%) Mean 0.25% SD 0.68%
#Oral Cavity (Oral Mucos Squamous Cell Carcino		ynx, Tooth, Gingiva):		
		0/50 (0%)	0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)
		0/50 (0%)	0/50 (0%) 0/49 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)
		0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)
		0/50 (0%)	0/50 (0%) 0/90 (0%)	0/50 (0%) 0/50 (0%) 0/90 (0%)
		0/50 (0%)	0/50 (0%) 0/50 (0%)	1/50 (2%) 0/50 (0%) 1/50 (2%)
		0/50 (0%)		0/50 (0%)
Overall Incidence	Total	0/789 (0%)	Mean 0% SD 0%	Total 2/840 (0.24%) Mean 0.25% SD 0.68%
#Oral Cavity (Oral Mucos	sa, Tongue, Phar	ynx, Tooth, Gingiva): Squamous, or Papilloma		
		0/50 (0%)	0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)
		0/50 (0%)	0/50 (0%) 0/49 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)
		0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%) 0/50 (0%) 0/50 (0%)
		1/50 (2%)	0/50 (0%) 0/90 (0%)	0/50 (0%) 0/50 (0%) 0/90 (0%)
		0/50 (0%)	0/50 (0%) 0/50 (0%)	1/50 (2%) 1/50 (2%) 2/50 (4%)
		0/50 (0%)		0/50 (0%)
Overall Incidence	Total	1/789 (0.13%)	Mean 0.13% SD 0.52%	Total 4/840 (0.48%) Mean 0.5% SD 1.15%

^{*:} Denominator is number of animals with tissues examined microscopically

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^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1/N Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC Male **Female #Oral Mucosa: Squamous Cell Carcinoma** 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/49 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)(0%)0/90 (0%)0/50 0/90 0/50 (0%)0/50 (0%)(0%)1/50 0/50 (0%)0/50 (0%)0/50 (0%)1/50 (2%)0/50 (0%)(2%)0/50 (0%)0/50 (0%)**Overall Incidence** Total 0/789 (0%) Mean 0% SD 0% Total 2/840 (0.24%) Mean 0.25% SD 0.68% *Ovary: Cystadenocarcinoma 0/50 (0%)0/49 (0%)0/49 (0%)0/48 (0%)1/50 (2%)0/48 (0%)0/50 0/50 (0%)0/50 (0%)(0%)0/50 (0%)0/48 (0%)0/75 (0%)0/49 (0%)0/49 (0%)0/50 (0%)0/49 (0%)**Overall Incidence** Mean 0.12% Total 1/814 (0.12%) SD 0.5% *Ovarv: Cystadenoma 0/49 1/50 (2%)2/49 (4%)(0%)3/48 (6%)3/50 4/48 (8%)(6%)1/50 (2%)2/50 (4%)1/50 (2%)2/50 (4%)2/75 (3%)2/48 (4%)3/49 (6%)3/49 (6%)2/50 (4%)

0/49

31/814 (3.81%)

Total

(0%)

Mean 3.86%

SD 2.34%

Overall Incidence

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^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

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Report Date: 12/18/2020

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups
Route: ALL ROUTES

Species: MICE Strain: B6C3F1/N

Vehicle: ALL VEHICLES

Length of Study: CHRONIC

	Male	Female							
Ovary: Granulosa Cell Tumor Benign									
3		0/50 (0%)	0/49 (0%)	0/49 (0%)					
		0/48 (0%)	0/50 (0%)	0/48 (0%)					
		0/50 (0%)	1/50 (2%)	1/50 (2%)					
		0/50 (0%)	1/48 (2%)	1/75 (1%)					
		0/49 (0%)	0/49 (0%)	0/50 (0%)					
		1/49 (2%)							
verall Incidence	Total	5/814 (0.61%)	Mean 0.59%	SD 0.92%					
Ovary: Granulosa Cell Tumor Malignant									
•		1/50 (2%)	0/49 (0%)	0/49 (0%)					
		0/48 (0%)	0/50 (0%)	0/48 (0%)					
		0/50 (0%)	0/50 (0%)	0/50 (0%)					
		0/50 (0%)	0/48 (0%)	0/75 (0%)					
		0/49 (0%)	0/49 (0%)	0/50 (0%)					
		0/49 (0%)							
verall Incidence	Total	1/814 (0.12%)	Mean 0.12%	SD 0.5%					
Ovary: Granulosa Cell Tumor: Benign, Malignant, NOS									
		1/50 (2%)	0/49 (0%)	0/49 (0%)					
		0/48 (0%)	0/50 (0%)	0/48 (0%)					
		0/50 (0%)	1/50 (2%)	1/50 (2%)					
		0/50 (0%)	1/48 (2%)	1/75 (1%)					
		0/49 (0%)	0/49 (0%)	0/50 (0%)					
		1/49 (2%)							
verall Incidence	Total	6/814 (0.74%)	Mean 0.72%	SD 0.97%					

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

Report Date: 12/18/2020

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Species: MICE Strain: B6C3F1/N Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Male			Female						
Ovary: Granulosa-Theca Tumor Malignant									
·		0/50	(0%)	0/49	(0%)	1/49	(2%)		
		0/48	(0%)	0/50	(0%)	0/48	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)		
		1/50	(2%)	0/48	(0%)	0/75	(0%)		
		0/49	(0%)	0/49	(0%)	0/50	(0%)		
		0/49	(0%)		,		,		
Overall Incidence	Total	2/814 (0.	. ,	Mean	0.25%	SD 0.	69%		
Ovary: Hemangioma									
•		0/50	(0%)	0/49	(0%)	0/49	(0%)		
		0/48	(0%)	0/50	(0%)	1/48	(2%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/48	(0%)	2/75	(3%)		
		0/49	(0%)	0/49	(0%)	0/50	(0%)		
		0/49	(0%)		, ,		,		
Overall Incidence	Total	3/814 (0.	37%)	Mear	า 0.3%	SD 0.	82%		
		•							
Ovary: Hemangiosarcoma									
•		1/50	(2%)	0/49	(0%)	0/49	(0%)		
		2/48	(4%)	0/50	(0%)	0/48	(0%)		
		0/50	(0%)	0/50	(0%)	0/50	(0%)		
		0/50	(0%)	0/48	(0%)	0/75	(0%)		
		0/49	(0%)	0/49	(0%)	0/50	(0%)		
		0/49	(0%)		` '		` ,		
Overall Incidence	Total	3/814 (0.			0.39%	SD 1.			

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

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: ALL ROUTES
Vehicle: ALL VEHICLES

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	Male	Female							
Ovary: Luteoma									
		0/50 (0%)	0/49 (0%)	0/49 (0%)					
		0/48 (0%)	0/50 (0%)	0/48 (0%)					
		0/50 (0%)	1/50 (2%)	0/50 (0%)					
		2/50 (4%)	0/48 (0%)	0/75 (0%)					
		0/49 (0%)	1/49 (2%)	0/50 (0%)					
		0/49 (0%)							
Overall Incidence	Total	4/814 (0.49%)	Mean 0.5%	SD 1.16%					
Ovary: Sarcoma				•••••					
		0/50 (0%)	0/49 (0%)	0/49 (0%)					
		0/48 (0%)	1/50 (2%)	0/48 (0%)					
		0/50 (0%)	0/50 (0%)	0/50 (0%)					
		0/50 (0%)	0/48 (0%)	0/75 (0%)					
		0/49 (0%)	0/49 (0%)	0/50 (0%)					
		0/49 (0%)	, ,	` '					
Overall Incidence	Total	1/814 (0.12%)	Mean 0.12%	SD 0.5%					
'Ovary:									
Thecoma Malignant									
		0/50 (0%)	0/49 (0%)	0/49 (0%)					
		0/48 (0%)	0/50 (0%)	0/48 (0%)					
		0/50 (0%)	0/50 (0%)	0/50 (0%)					
		0/50 (0%)	0/48 (0%)	1/75 (1%)					
		0/49 (0%)	0/49 (0%)	0/50 (0%)					
		0/49 (0%)							
Overall Incidence	Total	1/814 (0.12%)	Mean 0.08%	SD 0.33%					

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

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: ALL ROUTES
Vehicle: ALL VEHICLES

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					Male				Female						
*Ovary: Tubulostromal Adenoma	ı						,		,					,	
									0/50	(0%)	0/49	(0%)	0/49	(0%)	
									0/48	(0%)	0/50	(0%)	0/48	(0%)	
									1/50	(2%)	0/50	(0%)	0/50	(0%)	
									0/50	(0%)	0/48	(0%)	0/75	(0%)	
									1/49	(2%)	0/49	(0%)	0/50	(0%)	
									0/49	(0%)					
Overall Incidence								Total	2/814 (0	,		0.25%	SD 0.		
Pancreas: Mast Cell Tumor															
		0/49	(0%)			0/48	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/49	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/50	(0%)	1/87	(1%)		0/50	(0%)	0/50	(0%)	0/87	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)						0/50	(0%)					
Overall Incidence	Total	1/783 (0.13	,	Mean 0		SD 0.3%		Total	0/836 (,		ın 0%	SD		
Parathyroid Gland: Adenoma															
		0/27	(0%)			0/40	(0%)		0/27	(0%)	0/41	(0%)	0/38	(0%)	
		0/40	(0%)	0/41	(0%)	0/32	(0%)		0/43	(0%)	0/35	(0%)	0/21	(0%)	
		0/48	(0%)	0/34	(0%)	0/28	(0%)		0/43	(0%)	0/26	(0%)	1/35	(3%)	
		0/36	(0%)	0/48	(0%)	0/68	(0%)		0/36	(0%)	0/44	(0%)	0/60	(0%)	
		0/40	(0%)	0/44	(0%)	0/45	(0%)		0/37	(0%)	0/45	(0%)	0/34	(0%)	
		0/42	(0%)						0/43	(0%)					
Overall Incidence	Total	0/613 (0%	₆)	Mean	0%	SD 0%		Total	1/608 (0	.16%)	Mean	0.18%	SD 0.	71%	

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

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: ALL ROUTES
Vehicle: ALL VEHICLES

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					Male				Female						
*Parathyroid Gland: Carcinoma															
		0/27	(0%)			0/40	(0%)		0/27	(0%)	0/41	(0%)	0/38	(0%)	
		0/40	(0%)	0/41	(0%)	0/32	(0%)		0/43	(0%)	0/35	(0%)	0/21	(0%)	
		0/48	(0%)	0/34	(0%)	0/28	(0%)		0/43	(0%)	0/26	(0%)	0/35	(0%)	
		0/36	(0%)	0/48	(0%)	0/68	(0%)		0/36	(0%)	0/44	(0%)	0/60	(0%)	
		0/40	(0%)	0/44	(0%)	0/45	(0%)		0/37	(0%)	0/45	(0%)	0/34	(0%)	
		1/42	(2%)						0/43	(0%)					
Overall Incidence	Total	1/613 (0.16	,	Mean 0		SD 0.619		Total	0/608 (,		n 0%	SD		
*Pituitary Gland: Pars Di Adenoma	stalls or Unspec	0/49 0/48	(0%) (0%)	1/49	(2%)	0/50 0/45	(0%) (0%)		9/49 1/49	(18%) (2%)	2/49 0/50	(4%) (0%)	2/49 0/47	(4%) (0%)	
		0/50	(0%)	0/50	(0%)	1/50	(2%)		3/49	(6%)	5/50	(10%)	8/48	(17%)	
		0/50	(0%)	0/47	(0%)	0/86	(0%)		4/50	(8%)	5/50	(10%)	6/80	(8%)	
		0/48 0/50	(0%) (0%)	0/48	(0%)	0/50	(0%)		3/47 3/50	(6%) (6%)	2/50	(4%)	1/50	(2%)	
Overall Incidence	Total	2/770 (0.26	,	Mean 0		SD 0.719		Total	54/817 (6	,		6.58%	SD 5		
*Pituitary Gland: Pars Dis Carcinoma															
		0/49	(0%)			0/50	(0%)		0/49	(0%)	0/49	(0%)	0/49	(0%)	
		0/48	(0%)	0/49	(0%)	0/45	(0%)		0/49	(0%)	0/50	(0%)	0/47	(0%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/49	(0%)	0/50	(0%)	3/48	(6%)	
		0/50	(0%)	0/47	(0%)	0/86	(0%)		0/50	(0%)	0/50	(0%)	0/80	(0%)	
		0/48	(0%)	0/48	(0%)	0/50	(0%)		0/47	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)		. ,				0/50	(0%)				. ,	
Overall Incidence	Total	0/770 (0%	6)	Mean	0%	SD 0%		Total	3/817 (0	37%)	Mean	0.39%	SD 1	56%	

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1/N

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Vehicle: ALL VEHICLES

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			Male		Female									
Pituitary Gland: Pars Distalis or Unspecified Site: Carcinoma or Adenoma														
		0/49 (0%)		0/50 (0%)		9/49 (18%)	2/49 (4%)	2/49 (4%)						
		0/48 (0%)	1/49 (2%)	0/45 (0%)		1/49 (2%)	0/50 (0%)	0/47 (0%)						
		0/50 (0%)	0/50 (0%)	1/50 (2%)		3/49 (6%)	5/50 (10%)	11/48 (23%)						
		0/50 (0%)	0/47 (0%)	0/86 (0%)		4/50 (8%)	5/50 (10%)	6/80 (8%)						
		0/48 (0%)	0/48 (0%)	0/50 (0%)		3/47 (6%)	2/50 (4%)	1/50 (2%)						
		0/50 (0%)	, ,	, ,		3/50 (6%)	, ,	, ,						
verall Incidence	Total	2/770 (0.26%)	Mean 0.27%	SD 0.71%	Total	57/817 (6.98%)	Mean 6.97%	SD 6.21%						
Pituitary Gland: Pars Int Adenoma	ermedia:													
		0/49 (0%)		0/50 (0%)		0/49 (0%)	0/49 (0%)	0/49 (0%)						
		0/48 (0%)	0/49 (0%)	0/45 (0%)		0/49 (0%)	0/50 (0%)	1/47 (2%)						
		0/50 (0%)	0/50 (0%)	0/50 (0%)		1/49 (2%)	0/50 (0%)	0/48 (0%)						
		0/50 (0%)	0/47 (0%)	0/86 (0%)		0/50 (0%)	0/50 (0%)	0/80 (0%)						
		0/48 (0%)	0/48 (0%)	0/50 (0%)		0/47 (0%)	0/50 (0%)	0/50 (0%)						
		0/50 (0%)	, ,	, ,		0/50 (0%)	, ,	, ,						
verall Incidence	Total	0/770 (0%)	Mean 0%	SD 0%	Total	2/817 (0.24%)	Mean 0.26%	SD 0.71%						
Pituitary Gland: Pars Int Carcinoma														
		0/49 (0%)		0/50 (0%)		0/49 (0%)	0/49 (0%)	1/49 (2%)						
		0/48 (0%)	0/49 (0%)	0/45 (0%)		0/49 (0%)	0/50 (0%)	0/47 (0%)						
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/49 (0%)	0/50 (0%)	0/48 (0%)						
		0/50 (0%)	0/47 (0%)	0/86 (0%)		0/50 (0%)	0/50 (0%)	0/80 (0%)						
		0/48 (0%)	0/48 (0%)	0/50 (0%)		0/47 (0%)	0/50 (0%)	0/50 (0%)						
		0/50 (0%)				0/50 (0%)								
verall Incidence	Total	0/770 (0%)	Mean 0%	SD 0%	Total	1/817 (0.12%)	Mean 0.13%	SD 0.51%						

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

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: ALL ROUTES
Vehicle: ALL VEHICLES

Page: 46

					Male				Female						
*Pituitary Gland: Pars Inter Carcinoma or Adenoma	rmedia:													,	
		0/49	(0%)			0/50	(0%)		0/49	(0%)	0/49	(0%)	1/49	(2%)	
		0/48	(0%)	0/49	(0%)	0/45	(0%)		0/49	(0%)	0/50	(0%)	1/47	(2%)	
		0/50	(0%)	0/50	(0%)	0/50	(0%)		1/49	(2%)	0/50	(0%)	0/48	(0%)	
		0/50	(0%)	0/47	(0%)	0/86	(0%)		0/50	(0%)	0/50	(0%)	0/80	(0%)	
		0/48	(0%)	0/48	(0%)	0/50	(0%)		0/47	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)		, ,		` ,		0/50	(0%)		` ,		,	
Overall Incidence	Total	0/770 (0%)	'	Mean		SD 0%		Total	3/817 (0	,	Mean	0.39%	SD 0.	.83%	
*Pituitary Gland: Pars Intel Schwannoma Malignant		0/49	(0%)			0/50	(0%)		0/49	(0%)	0/49	(0%)	0/49	(0%)	
		0/49	(0%)	0/49	(0%)	0/30	(0%)		0/49	(0%)	0/49	(0%)	0/49	(0%)	
		0/48	(0%)	0/49	(0%)	0/43	(0%)		0/49	(0%)	0/50	(0%)	0/47	(0%)	
		1/50	(2%)	0/30	(0%)	0/86	(0%)		0/49	(0%)	0/50	(0%)	0/40	(0%)	
		0/48	(0%)	0/47	(0%)	0/50	(0%)		0/30	(0%)	0/50	(0%)	0/50	(0%)	
		0/50	(0%)	0/40	(070)	0/30	(070)		0/50	(0%)	0/30	(070)	0/30	(070)	
Overall Incidence	Total	1/770 (0.13%	` ,	Mean 0	13%	SD 0.529	0/_	Total	0/817 (` ,	Mea	n 0%	SD	0%	
	10tai		,o, 	······		0.02	/0 		0/017 (
*Prostate: Hemangiosarcoma															
		0/49	(0%)			0/49	(0%)								
		0/50	(0%)	0/50	(0%)	0/49	(0%)								
		0/50	(0%)	0/50	(0%)	0/50	(0%)								
		0/50	(0%)	0/50	(0%)	0/90	(0%)								
		1/50	(2%)	0/50	(0%)	0/50	(0%)								
		0/50	(0%)												
Overall Incidence	Total	1/787 (0.139	%)	Mean 0	13%	SD 0.529	%								

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1/N

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

			Male		Female						
*Prostate: Mast Cell Tumor											
		0/49 (0%)		0/49 (0%)							
		0/50 (0%)	0/50 (0%)	0/49 (0%)							
		0/50 (0%)	0/50 (0%)	0/50 (0%)							
		0/50 (0%)	0/50 (0%)	1/90 (1%)							
		0/50 (0%)	0/50 (0%)	0/50 (0%)							
		0/50 (0%)									
Overall Incidence	Total	1/787 (0.13%)	Mean 0.07%	SD 0.29%							
*Salivary Glands: Adenoma											
		0/50 (0%)		0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)			
		0/49 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)			
		1/50 (2%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)			
		0/50 (0%)	0/50 (0%)	0/90 (0%)		0/50 (0%)	0/50 (0%)	0/89 (0%)			
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)			
		0/50 (0%)				0/50 (0%)					
Overall Incidence	Total	1/788 (0.13%)	Mean 0.13%	SD 0.52%	Total	0/837 (0%)	Mean 0%	SD 0%			
*Salivary Glands: Carcinoma											
		0/50 (0%)		0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)			
		0/49 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)			
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)			
		0/50 (0%)	0/50 (0%)	0/90 (0%)		1/50 (2%)	0/50 (0%)	0/89 (0%)			
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)			
		0/50 (0%)				0/50 (0%)					
Overall Incidence	Total	0/788 (0%)	Mean 0%	SD 0%	Total	1/837 (0.12%)	Mean 0.12%	SD 0.5%			

^{*:} Denominator is number of animals with tissues examined microscopically

Page: 47

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1/N

Contract/Lab: All Laboratories

Toxicology Data Management System Tumor Incidence for Selected Control Animal Groups

> Route: ALL ROUTES Vehicle: ALL VEHICLES

Length of Study: CHRONIC

			Male		Female						
*Salivary Glands: Carcinoma or Adenoma											
		0/50 (0%)		0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)			
		0/49 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)			
		1/50 (2%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)			
		0/50 (0%)	0/50 (0%)	0/90 (0%)		1/50 (2%)	0/50 (0%)	0/89 (0%)			
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)			
		0/50 (0%)				0/50 (0%)					
Overall Incidence	Total	1/788 (0.13%)	Mean 0.13%	SD 0.52%	Total	1/837 (0.12%)	Mean 0.12%	SD 0.5%			
*Salivary Glands: Hemangiosarcoma											
		0/50 (0%)		0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)			
		0/49 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)			
		1/50 (2%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)			
		0/50 (0%)	0/50 (0%)	0/90 (0%)		0/50 (0%)	0/50 (0%)	0/89 (0%)			
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)			
		0/50 (0%)				0/50 (0%)					
Overall Incidence	Total	1/788 (0.13%)	Mean 0.13%	SD 0.52%	Total	0/837 (0%)	Mean 0%	SD 0%			
*Salivary Glands: Mast Cell Tumor											
		0/50 (0%)		0/50 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)			
		0/49 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/49 (0%)			
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)			
		0/50 (0%)	0/50 (0%)	1/90 (1%)		0/50 (0%)	0/50 (0%)	0/89 (0%)			
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)			
		0/50 (0%)				0/50 (0%)					
Overall Incidence	Total	1/788 (0.13%)	Mean 0.07%	SD 0.29%	Total	0/837 (0%)	Mean 0%	SD 0%			

^{*:} Denominator is number of animals with tissues examined microscopically

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^{#:} Denominator is number of animals necropsied

Species: MICE

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups Route: ALL ROUTES

Strain: B6C3F1/N Length of Study: CHRONIC Route: ALL ROUTES

Vehicle: ALL VEHICLES

Page: 49

					Male			Female						
*Salivary Glands: Myxosarcoma														
•		0/50	(0%)			0/50	(0%)		1/50	(2%)	0/50	(0%)	0/49	(0%)
		0/49	(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/49	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/90	(0%)		0/50	(0%)	0/50	(0%)	0/89	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)						0/50	(0%)				
Overall Incidence	Total	0/788 (0%	,	Mean		SD 0%		Total	1/837 (0.			0.12%	SD (
#Seminal Vesicle: Adenoma														
		1/50	(2%)			0/50	(0%)							
		0/50	(0%)	0/50	(0%)	0/49	(0%)							
		0/50	(0%)	0/50	(0%)	0/50	(0%)							
		0/50	(0%)	0/50	(0%)	0/90	(0%)							
		0/50 0/50	(0%) (0%)	0/50	(0%)	0/50	(0%)							
Overall Incidence	Total	1/789 (0.13	,	Mean 0		SD 0.52								
#Seminal Vesicle: Fibroma														
		0/50	(0%)			0/50	(0%)							
		0/50	(0%)	0/50	(0%)	0/49	(0%)							
		0/50	(0%)	0/50	(0%)	0/50	(0%)							
		0/50	(0%)	0/50	(0%)	1/90	(1%)							
		0/50	(0%)	0/50	(0%)	0/50	(0%)							
		0/50	(0%)											
Overall Incidence	Total	1/789 (0.13	3%)	Mean 0	.07%	SD 0.29	%							

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1/N

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Page: 50 Report Date: 12/18/2020

			Male			Female	
#Skeletal Muscle: Hemangiosarcoma							
-		0/50 (0%)		0/50 (0%)	0/50 (0	0%) 0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)	1/50	2%) 0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0	0%) 0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/90 (0%)	0/50 (0	0%) 0/50 (0%)	0/90 (0%)
		0/50 (0%)	1/50 (2%)	0/50 (0%)	0/50 (0%) 0/50 (0%)	0/50 (0%)
		0/50 (0%)			0/50 (0	0%)	
Overall Incidence	Total	1/789 (0.13%)	Mean 0.13%	SD 0.52%	Total 1/840 (0.12%	,	SD 0.5%
#Skeletal Muscle: Osteosarcoma							
		0/50 (0%)		0/50 (0%)	0/50 (0	0%) 0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)	0/50 (0	0%) 0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0	0%) 0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/90 (0%)	0/50 (0	0%) 0/50 (0%)	1/90 (1%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0	0%) 0/50 (0%)	0/50 (0%)
		0/50 (0%)			0/50 (0	0%)	
Overall Incidence	Total	0/789 (0%)	Mean 0%	SD 0%	Total 1/840 (0.12%	,	SD 0.28%
#Skeletal Muscle: Rhabdomyosarcoma							
		0/50 (0%)		0/50 (0%)	0/50 (0	0%) 1/50 (2%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)	1/50 (2	2%) 2/50 (4%)	1/50 (2%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0	0%) 0/50 (0%)	0/50 (0%)
		1/50 (2%)	0/50 (0%)	0/90 (0%)	2/50 (4	1/50 (2%)	0/90 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2	2%) 0/50 (0%)	0/50 (0%)
		0/50 (0%)			0/50 (0	0%)	
Overall Incidence	Total	1/789 (0.13%)	Mean 0.13%	SD 0.52%	Total 9/840 (1.07%	Mean 1.12%	SD 1.45%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Species: MICE Strain: B6C3F1/N Route: ALL ROUTES
Vehicle: ALL VEHICLES

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					Male						F	emale		
#Skeletal Muscle: Rhabdomyosarcoma or l	Rhabdomyoma						,		,					,
•	•	0/50	(0%)			0/50	(0%)		0/50	(0%)	1/50	(2%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/49	(0%)		1/50	(2%)	2/50	(4%)	1/50	(2%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		1/50	(2%)	0/50	(0%)	0/90	(0%)		2/50	(4%)	1/50	(2%)	0/90	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		1/50	(2%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)		` ,		` ,		0/50	(0%)		` ,		, ,
Overall Incidence	Total	1/789 (0.13	3%)	Mean 0	13%	SD 0.529	%	Total	9/840 (1	07%)	Mean	1.12%	SD 1.	45%
#Skeletal Muscle: Sarcoma														
		0/50	(0%)			0/50	(0%)		0/50	(0%)	0/50	(0%)	1/50	(2%)
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	1/50	(2%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	1/90	(1%)		0/50	(0%)	0/50	(0%)	0/90	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	1/50	(2%)	0/50	(0%)
		0/50	(0%)						0/50	(0%)				
Overall Incidence	Total	1/789 (0.13		Mean 0		SD 0.299		Total	3/840 (0	,		0.38%	SD 0.	
Skin: Basal Cell Adenoma														
		0/50	(0%)			0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/90	(0%)		0/50	(0%)	0/50	(0%)	0/90	(0%)
		1/50	(2%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)						0/50	(0%)				
Overall Incidence	Total	1/789 (0.13	3%)	Mean 0	13%	SD 0.529	%	Total	0/840 (0%)	Mea	n 0%	SD	0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups
Route: ALL ROUTES

Report Date: 12/18/2020

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Species: MICE Strain: B6C3F1/N

Vehicle: ALL VEHICLES

Length of Study: CHRONIC

					Male						F	emale		
#Skin:														
Basal Cell Adenoma or	r Basosquamous	s Tumor Benign)											
		0/50	(0%)			0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/90	(0%)		0/50	(0%)	0/50	(0%)	0/90	(0%)
		1/50	(2%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)						0/50	(0%)				
Overall Incidence	Total	1/789 (0.13	•	Mean 0		SD 0.529		Total	0/840 (0%)	Mea	n 0%	SD	0%
Skin:														
Basal Cell Adenoma, B	Basosquamous T	Tumor Benign, o	or Trichoe	pithelioma										
	•	0/50	(0%)	•		0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		a /= a	(oo()	- / - -	(00/)	0/50	(0%)		0/50	(0%)	0/-0	(00()	0/50	(OO()
		0/50	(0%)	0/50	(0%)	0/50	(0 /0)		0/50	(0 /0)	0/50	(0%)	0/50	(0%)
		0/50 0/50	(0%) (0%)	0/50 0/50	(0%) (0%)	0/50 0/90	(0%)		0/50 0/50	(0%)	0/50 0/50	(0%) (0%)	0/50 0/90	` '
			` '		` ,		` '			` ,		` ,		(0%)
		0/50	(0%)	0/50	(0%)	0/90	(0%)		0/50	(0%)	0/50	(0%)	0/90	` '
Overall Incidence	Total	0/50 1/50	(0%) (2%) (0%)	0/50	(0%) (0%)	0/90	(0%) (0%)	Total	0/50 0/50	(0%) (0%) (0%)	0/50 0/50	(0%)	0/90	(0%) (0%)
Overall Incidence		0/50 1/50 0/50 1/789 (0.13	(0%) (2%) (0%) 8%)	0/50 0/50 Mean 0	(0%) (0%)	0/90 0/50	(0%) (0%)	Total	0/50 0/50 0/50	(0%) (0%) (0%)	0/50 0/50	(0%) (0%)	0/90 0/50	(0%) (0%)
		0/50 1/50 0/50 1/789 (0.13	(0%) (2%) (0%) 8%)	0/50 0/50 Mean 0	(0%) (0%)	0/90 0/50	(0%) (0%)	Total	0/50 0/50 0/50	(0%) (0%) (0%)	0/50 0/50	(0%) (0%)	0/90 0/50	(0%) (0%)
		0/50 1/50 0/50 1/789 (0.13	(0%) (2%) (0%) 8%)	0/50 0/50 Mean 0	(0%) (0%)	0/90 0/50	(0%) (0%)	Total	0/50 0/50 0/50	(0%) (0%) (0%)	0/50 0/50	(0%) (0%)	0/90 0/50	(0%) (0%)
Skin:		0/50 1/50 0/50 1/789 (0.13	(0%) (2%) (0%) 8%)	0/50 0/50 Mean 0	(0%) (0%)	0/90 0/50	(0%) (0%)	Total	0/50 0/50 0/50	(0%) (0%) (0%)	0/50 0/50	(0%) (0%)	0/90 0/50	(0%) (0%)
Skin:		0/50 1/50 0/50 1/789 (0.13	(0%) (2%) (0%) 3%)	0/50 0/50 Mean 0	(0%) (0%)	0/90 0/50 SD 0.529	(0%) (0%) 6	Total	0/50 0/50 0/50 0/840 (0	(0%) (0%) (0%) (0%)	0/50 0/50 Mea	(0%) (0%) an 0%	0/90 0/50 SD	(0%) (0%) 0%
#Skin:		0/50 1/50 0/50 1/789 (0.13	(0%) (2%) (0%) 3%) 	0/50 0/50 Mean 0	(0%) (0%) .13%	0/90 0/50 SD 0.529 0/50	(0%) (0%) % 	Total	0/50 0/50 0/50 0/840 (0	(0%) (0%) (0%) (0%))%) (0%)	0/50 0/50 Mea 0/50	(0%) (0%) an 0% 	0/90 0/50 SD	(0%) (0%) 0%
#Skin:		0/50 1/50 0/50 1/789 (0.13 0/50 0/50	(0%) (2%) (0%) (0%) 	0/50 0/50 Mean 0. 	(0%) (0%) .13% 	0/90 0/50 SD 0.529 0/50 0/49	(0%) (0%) (0%) (6************************************	Total	0/50 0/50 0/50 0/840 (0	(0%) (0%) (0%) (0%))%) 	0/50 0/50 Mea 0/50 0/50	(0%) (0%) in 0% 	0/90 0/50 SD 1/50 0/50	(0%) (0%) 0% (2%) (0%)
#Skin:		0/50 1/50 0/50 1/789 (0.13 0/50 0/50 0/50	(0%) (2%) (0%) 3%) 	0/50 0/50 Mean 0	(0%) (0%) .13% 	0/90 0/50 SD 0.529 0/50 0/49 0/50	(0%) (0%) (0%) (6 (0%) (0%) (0%) (0%)	Total	0/50 0/50 0/50 0/840 (0 0/50 0/50 0/50	(0%) (0%) (0%) (0%) 0%) (0%) (0%) (0%)	0/50 0/50 Mea 0/50 0/50 0/50 0/50	(0%) (0%) an 0% (0%) (0%) (0%) (0%)	0/90 0/50 SD 1/50 0/50 0/50	(0%) (0%) 0% (2%) (0%) (0%)
#Skin:		0/50 1/50 0/50 1/789 (0.13 0/50 0/50 0/50 0/50	(0%) (2%) (0%) (3%) (0%) (0%) (0%) (0%) (0%)	0/50 0/50 Mean 0	(0%) (0%) 13% 	0/90 0/50 SD 0.529 0/50 0/49 0/50 0/90	(0%) (0%) (0%) (6 (0%) (0%) (0%) (0%) (0%)	Total	0/50 0/50 0/50 0/840 (0 0/50 0/50 0/50 0/50	(0%) (0%) (0%) (0%) 0%) (0%) (0%) (0%) (0/50 0/50 Mea 0/50 0/50 0/50 0/50 0/50	(0%) (0%) (0%) an 0% (0%) (0%) (0%) (0%)	0/90 0/50 SD 1/50 0/50 0/50 0/90	(0%) (0%) 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES

Report Date: 12/18/2020

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Species: MICE Strain: B6C3F1/N

Vehicle: ALL VEHICLES

Male **Female** #Skin: Basal Cell Carcinoma or Basosquamous Tumor (malignant or NOS) 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)1/50 (2%)0/50 (0%)0/50 (0%)0/49(0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)(0%)(0%)0/90 0/50 (0%)0/50 0/90 0/50 (0%)0/50 (0%)(0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)1/50 (2%)0/50 (0%)0/50 (0%)**Overall Incidence** Total 0/789 (0%) Mean 0% SD 0% Total 2/840 (0.24%) Mean 0.25% SD 0.68% #Skin: Basal Cell Carcinoma, Basal Cell Adenoma, Basosquamous Tumor (benign, malignant or NOS), or Trichoepithelioma 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)1/50 (2%)(0%)(0%)0/50 0/50 0/50 (0%)0/49 0/50 (0%)0/50 (0%)(0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/90 (0%)0/50 (0%)0/50 (0%)0/90 (0%)1/50 (2%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)1/50 (2%)0/50 (0%)0/50 (0%)Overall Incidence Total 1/789 (0.13%) Mean 0.13% SD 0.52% Total 2/840 (0.24%) Mean 0.25% SD 0.68% #Skin: Basal or Sq. Cell Carcinoma, Carcinoma, Basosq. Tumor (M or B), Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma 0/50 (0%)(0%)0/50 1/50 0/50 (0%)0/50 (0%)(2%)(0%)0/50 0/50 (0%)0/49 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)1/50 (2%)0/50 (0%)0/50 (0%)0/50 (0%)0/90 (0%)0/50 (0%)0/50 (0%)0/90 (0%)1/50 (2%)0/50 (0%)1/50 (2%)0/50 (0%)0/50 (0%)1/50 (2%)0/50 (0%)0/50 (0%)

SD 0.7%

Total

3/840 (0.36%)

Mean 0.38%

SD 0.81%

Total

2/789 (0.25%)

Mean 0.27%

Overall Incidence

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

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: ALL ROUTES
Vehicle: ALL VEHICLES

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					Male						F	emale		
#Skin: Fibroma														
		0/50	(0%)			0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/90	(0%)		0/50	(0%)	0/50	(0%)	1/90	(1%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)						0/50	(0%)				
Overall Incidence	Total	0/789 (0%	,	Mean		SD 0%		Total	1/840 (0.			0.07%	SD 0.	
#Skin:														
Fibroma, Fibrosarcoma Hemangiopericytoma	a, Sarcoma, Myx	oma, Myxosaro	oma, Mali	gnant Fibro	us Histiod	cytoma, or								
0 , ,		0/50	(0%)			0/50	(0%)		2/50	(4%)	1/50	(2%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/49	(0%)		2/50	(4%)	0/50	(0%)	0/50	(0%)
		0/00	(070)	0/30	(0,0)	0/43	(0 /0)		2/50	(770)	0/30	(0 /0)	0/30	(0 /0)
		1/50	(2%)	0/50	(0%)	1/50	(2%)		1/50	(2%)	0/50	(0%)	0/50	(0%)
			` '		` ,		` ,			` ,		` ,		` '
		1/50	(2%)	0/50	(0%)	1/50	(2%)		1/50	(2%)	0/50	(0%)	0/50	(0%)
		1/50 1/50	(2%) (2%)	0/50 0/50	(0%) (0%)	1/50 1/90	(2%) (1%)		1/50 1/50	(2%) (2%)	0/50 1/50	(0%) (2%)	0/50 6/90	(0%) (7%)
Overall Incidence	Total	1/50 1/50 0/50	(2%) (2%) (0%) (4%)	0/50 0/50	(0%) (0%) (0%)	1/50 1/90	(2%) (1%) (2%)	Total	1/50 1/50 1/50	(2%) (2%) (2%) (2%) (0%)	0/50 1/50 1/50	(0%) (2%)	0/50 6/90	(0%) (7%) (2%)
#Skin:		1/50 1/50 0/50 2/50 7/789 (0.89	(2%) (2%) (0%) (4%) (9%)	0/50 0/50 0/50 Mean 0	(0%) (0%) (0%) (0%)	1/50 1/90 1/50 SD 1.25	(2%) (1%) (2%)	Total	1/50 1/50 1/50 0/50	(2%) (2%) (2%) (2%) (0%)	0/50 1/50 1/50	(0%) (2%) (2%)	0/50 6/90 1/50	(0%) (7%) (2%)
		1/50 1/50 0/50 2/50 7/789 (0.89	(2%) (2%) (0%) (4%) 9%) 	0/50 0/50 0/50 Mean 0	(0%) (0%) (0%) (0%)	1/50 1/90 1/50 SD 1.25	(2%) (1%) (2%)	Total	1/50 1/50 1/50 1/50 0/50 17/840 (2	(2%) (2%) (2%) (0%) .02%)	0/50 1/50 1/50 Mean	(0%) (2%) (2%) 1.79%	0/50 6/90 1/50 SD 1.	(0%) (7%) (2%) 88%
#Skin:		1/50 1/50 0/50 2/50 7/789 (0.89 oma, Myxosard 0/50	(2%) (2%) (0%) (4%) 9%) 	0/50 0/50 0/50 0/50 Mean 0	(0%) (0%) (0%) .87% 	1/50 1/90 1/50 SD 1.25	(2%) (1%) (2%) % 	Total	1/50 1/50 1/50 0/50 17/840 (2	(2%) (2%) (2%) (2%) (0%) .02%)	0/50 1/50 1/50 Mean	(0%) (2%) (2%) (2%) 1.79%	0/50 6/90 1/50 SD 1.	(0%) (7%) (2%) 88%
Skin:		1/50 1/50 0/50 2/50 7/789 (0.89 oma, Myxosard 0/50 0/50	(2%) (2%) (0%) (4%) 9%) 	0/50 0/50 0/50 0/50 Mean 0	(0%) (0%) (0%) .87% 	1/50 1/90 1/50 SD 1.25 iocytoma 0/50 0/49	(2%) (1%) (2%) % 	Total	1/50 1/50 1/50 0/50 17/840 (2 2/50 2/50	(2%) (2%) (2%) (0%) .02%) 	0/50 1/50 1/50 Mean 1/50 0/50	(0%) (2%) (2%) (2%) 1.79% 	0/50 6/90 1/50 SD 1.	(0%) (7%) (2%) 88%
#Skin:		1/50 1/50 0/50 2/50 7/789 (0.89 oma, Myxosard 0/50 0/50 1/50	(2%) (2%) (0%) (4%) 9%) 	0/50 0/50 0/50 0/50 Mean 0 	(0%) (0%) (0%) .87% 	1/50 1/90 1/50 SD 1.25 iocytoma 0/50 0/49 1/50	(2%) (1%) (2%) % (0%) (0%) (0%) (2%)	Total	1/50 1/50 1/50 0/50 17/840 (2 2/50 2/50 1/50	(2%) (2%) (2%) (0%) .02%) 	0/50 1/50 1/50 Mean 1/50 0/50 0/50	(0%) (2%) (2%) (2%) 1.79% 	0/50 6/90 1/50 SD 1. 0/50 0/50 0/50	(0%) (7%) (2%) 88%
#Skin:		1/50 1/50 0/50 2/50 7/789 (0.89 0/50 0/50 1/50	(2%) (2%) (0%) (4%) 9%) 	0/50 0/50 0/50 0/50 Mean 0 	(0%) (0%) (0%) (0%) .87% 	1/50 1/90 1/50 SD 1.25 iocytoma 0/50 0/49 1/50 1/90	(2%) (1%) (2%) % 	Total	1/50 1/50 1/50 0/50 17/840 (2 2/50 2/50 1/50	(2%) (2%) (2%) (0%) .02%) 	0/50 1/50 1/50 Mean 1/50 0/50 0/50 1/50	(0%) (2%) (2%) (2%) 1.79% 	0/50 6/90 1/50 SD 1. 0/50 0/50 0/50 6/90	(0%) (7%) (2%) 88%
#Skin:		1/50 1/50 0/50 2/50 7/789 (0.89 	(2%) (2%) (0%) (4%) 9%) 	0/50 0/50 0/50 0/50 Mean 0 	(0%) (0%) (0%) .87% 	1/50 1/90 1/50 SD 1.25 iocytoma 0/50 0/49 1/50	(2%) (1%) (2%) % (0%) (0%) (0%) (2%)	Total	1/50 1/50 1/50 0/50 17/840 (2 2/50 2/50 1/50 1/50	(2%) (2%) (2%) (0%) .02%) 	0/50 1/50 1/50 Mean 1/50 0/50 0/50	(0%) (2%) (2%) (2%) 1.79% 	0/50 6/90 1/50 SD 1. 0/50 0/50 0/50	(0%) (7%) (2%) 88%
#Skin:		1/50 1/50 0/50 2/50 7/789 (0.89 0/50 0/50 1/50	(2%) (2%) (0%) (4%) 9%) 	0/50 0/50 0/50 0/50 Mean 0 	(0%) (0%) (0%) .87% 	1/50 1/90 1/50 SD 1.25 iocytoma 0/50 0/49 1/50 1/90	(2%) (1%) (2%) % 	Total	1/50 1/50 1/50 0/50 17/840 (2 2/50 2/50 1/50	(2%) (2%) (2%) (0%) .02%) 	0/50 1/50 1/50 Mean 1/50 0/50 0/50 1/50 1/50	(0%) (2%) (2%) (2%) 1.79% 	0/50 6/90 1/50 SD 1. 0/50 0/50 0/50 6/90	(0%) (7%) (2%) 88%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

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: ALL ROUTES
Vehicle: ALL VEHICLES

Page: 55

					Male						F	emale		
#Skin: Fibrosarcoma														,
		0/50	(0%)			0/50	(0%)		1/50	(2%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		1/50	(2%)	0/50	(0%)	1/50	(2%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/90	(0%)		0/50	(0%)	1/50	(2%)	3/90	(3%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		1/50	(2%)	0/50	(0%)	1/50	(2%)
		2/50	(4%)						0/50	(0%)				
Overall Incidence	Total	4/789 (0.51	,	Mean 0		SD 1.199		Total	7/840 (0.	,		0.71%	SD 1.	
		0/50	(0%)			0/50	(0%)		2/50	(4%)	1/50	(2%)	0/50	(0%)
Overall Incidence	Total	0/50 0/50 1/50 1/50 0/50 2/50 7/789 (0.89	(0%) (2%) (2%) (0%) (4%)	0/50 0/50 0/50 0/50 0/50	(0%) (0%) (0%) (0%) 87%	0/30 0/49 1/50 1/90 1/50 SD 1.259	(0%) (2%) (1%) (2%)	Total	2/50 1/50 1/50 1/50 0/50	(4%) (2%) (2%) (2%) (2%) (0%)	0/50 0/50 1/50 1/50	(2%) (0%) (0%) (2%) (2%)	0/50 0/50 0/50 5/90 1/50	(0%) (0%) (6%) (2%)
#Skin:		0/50 1/50 1/50 0/50 2/50 7/789 (0.89	(0%) (2%) (2%) (2%) (0%) (4%)	0/50 0/50 0/50 Mean 0	(0%) (0%) (0%) 87%	0/49 1/50 1/90 1/50 SD 1.259	(0%) (2%) (1%) (2%)	Total	2/50 1/50 1/50 1/50 0/50 16/840 (**	(4%) (2%) (2%) (2%) (2%) (0%)	0/50 0/50 1/50 1/50	(0%) (0%) (2%) (2%)	0/50 0/50 5/90 1/50	(0%) (0%) (6%) (2%)
		0/50 1/50 1/50 0/50 2/50 7/789 (0.89	(0%) (2%) (2%) (0%) (0%) (4%)	0/50 0/50 0/50 Mean 0	(0%) (0%) (0%) 87%	0/49 1/50 1/90 1/50 SD 1.259	(0%) (2%) (1%) (2%)		2/50 1/50 1/50 1/50 0/50 16/840 (1	(4%) (2%) (2%) (2%) (2%) (0%)	0/50 0/50 1/50 1/50 Mean	(0%) (0%) (2%) (2%) (2%)	0/50 0/50 5/90 1/50 SD 1	(0%) (0%) (6%) (2%)
Skin:		0/50 1/50 1/50 0/50 2/50 7/789 (0.89	(0%) (2%) (2%) (0%) (4%) 9%) 	0/50 0/50 0/50 0/50 Mean 0	(0%) (0%) (0%) (0%) 87%	0/49 1/50 1/90 1/50 SD 1.259	(0%) (2%) (1%) (2%) (2%) %		2/50 1/50 1/50 1/50 0/50 16/840 (1	(4%) (2%) (2%) (2%) (2%) (0%) 1.9%)	0/50 0/50 1/50 1/50 Mean	(0%) (0%) (2%) (2%) (2%) 1.72%	0/50 0/50 5/90 1/50 SD 1	(0%) (0%) (6%) (2%) .7%
Skin:		0/50 1/50 1/50 0/50 2/50 7/789 (0.89	(0%) (2%) (2%) (0%) (4%))%) 	0/50 0/50 0/50 0/50 Mean 0	(0%) (0%) (0%) (0%) 87% (0%)	0/49 1/50 1/90 1/50 SD 1.259	(0%) (2%) (1%) (2%) % 		2/50 1/50 1/50 1/50 0/50 16/840 (1	(4%) (2%) (2%) (2%) (2%) (0%) 1.9%) (0%) (0%)	0/50 0/50 1/50 1/50 Mean 0/50 0/50	(0%) (0%) (2%) (2%) (2%) 1.72% 	0/50 0/50 5/90 1/50 SD 1	(0%) (0%) (6%) (2%) .7%
Skin:		0/50 1/50 1/50 0/50 2/50 7/789 (0.89 0/50 0/50	(0%) (2%) (2%) (0%) (4%) 9%) 	0/50 0/50 0/50 Mean 0	(0%) (0%) (0%) 87% (0%) (0%)	0/49 1/50 1/90 1/50 SD 1.259 0/50 0/49 0/50	(0%) (2%) (1%) (2%) % 		2/50 1/50 1/50 1/50 0/50 16/840 (1	(4%) (2%) (2%) (2%) (0%) (1.9%) (0%) (0%) (0%)	0/50 0/50 1/50 1/50 Mean 0/50 0/50 0/50	(0%) (0%) (2%) (2%) (2%) 1.72% 	0/50 0/50 5/90 1/50 SD 1 0/50 0/50 0/50	(0%) (0%) (6%) (2%) .7%
Skin:		0/50 1/50 1/50 0/50 2/50 7/789 (0.89 0/50 0/50 0/50 0/50	(0%) (2%) (2%) (0%) (4%) 9%) 	0/50 0/50 0/50 Mean 0 	(0%) (0%) (0%) (0%) 87% (0%) (0%) (0%)	0/49 1/50 1/90 1/50 SD 1.259 0/50 0/49 0/50 0/90	(0%) (2%) (1%) (2%) % 		2/50 1/50 1/50 1/50 0/50 16/840 (1	(4%) (2%) (2%) (2%) (0%) (1.9%) (0%) (0%) (0%) (0%)	0/50 0/50 1/50 1/50 Mean 0/50 0/50 0/50 0/50	(0%) (0%) (2%) (2%) (2%) 1.72% 	0/50 0/50 5/90 1/50 SD 1 	(0%) (0%) (6%) (2%) .7%
#Skin:		0/50 1/50 1/50 0/50 2/50 7/789 (0.89 0/50 0/50	(0%) (2%) (2%) (0%) (4%) 9%) 	0/50 0/50 0/50 Mean 0	(0%) (0%) (0%) 87% (0%) (0%)	0/49 1/50 1/90 1/50 SD 1.259 0/50 0/49 0/50	(0%) (2%) (1%) (2%) % 		2/50 1/50 1/50 1/50 0/50 16/840 (1	(4%) (2%) (2%) (2%) (0%) (1.9%) (0%) (0%) (0%)	0/50 0/50 1/50 1/50 Mean 0/50 0/50 0/50	(0%) (0%) (2%) (2%) (2%) 1.72% 	0/50 0/50 5/90 1/50 SD 1 0/50 0/50 0/50	(0%) (0%) (6%) (2%) .7%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

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: ALL ROUTES
Vehicle: ALL VEHICLES

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					Male						F	emale		
#Skin: Hemangioma														
•		0/50	(0%)			0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/90	(0%)		0/50	(0%)	0/50	(0%)	0/90	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	1/50	(2%)
		0/50	(0%)		, ,		, ,		0/50	(0%)		, ,		, ,
Overall Incidence	Total	0/789 (0%)	,	Mean		SD 0%		Total	1/840 (0.	,		0.12%	SD 0	
#Skin: Hemangiosarcoma														
_		0/50	(0%)			0/50	(0%)		1/50	(2%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	2/50	(4%)	0/50	(0%)
		2/50	(4%)	0/50	(0%)	1/90	(1%)		0/50	(0%)	0/50	(0%)	2/90	(2%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		1/50	(2%)	0/50	(0%)	1/50	(2%)
		0/50	(0%)						0/50	(0%)				
Overall Incidence	Total	3/789 (0.389	,	Mean 0		SD 1.059		Total	7/840 (0.			0.76%	SD 1.	.25%
#Skin: Keratoacanthoma														
		0/50	(0%)			0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/90	(0%)		0/50	(0%)	0/50	(0%)	0/90	(0%)
		0/50	(0%)	0/50	(0%)	1/50	(2%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)		` '		. ,		0/50	(0%)		. ,		` '
Overall Incidence	Total	1/789 (0.139	. ,	Mean 0	120/	SD 0.529	0/	Total	0/840 (` '	Moo	n 0%	SD	00/

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

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: ALL ROUTES
Vehicle: ALL VEHICLES

Page: 57

					Male						F	emale		
#Skin: Lipoma														
·		0/50	(0%)			0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	2/50	(4%)	1/90	(1%)		0/50	(0%)	0/50	(0%)	1/90	(1%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)						0/50	(0%)				
Overall Incidence	Total	3/789 (0.38	,	Mean 0		SD 1.059		Total	1/840 (0.	,		0.07%	SD 0.	
Skin: Liposarcoma														
-		0/50	(0%)			0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/90	(0%)		0/50	(0%)	0/50	(0%)	0/90	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	1/50	(2%)	0/50	(0%)
		0/50	(0%)						0/50	(0%)				
Overall Incidence	Total	0/789 (0%	•	Mean		SD 0%		Total	1/840 (0.	,		0.12%	SD 0	
Skin:														
Malignant Fibrous Hist	tiocytoma													
		0/50	(0%)			0/50	(0%)		1/50	(2%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/49	(0%)		2/50	(4%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		1/50	(2%)	0/50	(0%)	1/90	(1%)		0/50	(0%)	0/50	(0%)	0/90	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	1/50	(2%)	0/50	(0%)
		0/50	(0%)						0/50	(0%)				
Overall Incidence	Total	2/789 (0.25	%)	Mean 0	.21%	SD 0.579	%	Total	4/840 (0.	48%)	Mear	0.5%	SD 1.	.15%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

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: ALL ROUTES
Vehicle: ALL VEHICLES

Page: 58

					Male						F	emale		
#Skin: Melanoma Benign														
-		0/50	(0%)			0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	1/50	(2%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/90	(0%)		0/50	(0%)	0/50	(0%)	0/90	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)						0/50	(0%)				
Overall Incidence	Total	1/789 (0.13	,	Mean 0		SD 0.529		Total	0/840 (,		n 0%	SD	
Overall Incidence	Total	0/50 0/50 0/50 0/50 0/50 0/789 (0%	,	0/50 0/50 0/50 0/50 0/50 Mean		0/49 0/50 0/90 0/50 SD 0%		Total	0/50 0/50 0/50 0/50 0/50 1/840 (0	,		(0%) (0%) (0%) (0%) 0.12%	0/50 0/50 0/90 1/50 SD 0	
#Skin:														
Neurofibrosarcoma, N	ieurofibroma, or s			alignant or i	NO2)	0/50	(00/)		0/50	(00/)	0/50	(00/)	0/50	(00/)
		0/50 0/50	(0%) (0%)	0/50	(0%)	0/50 0/49	(0%) (0%)		0/50 0/50	(0%)	0/50 0/50	(0%)	0/50 0/50	(0%) (0%)
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%) (0%)	0/50	(0%) (0%)	0/50	` '
		0/50	(0%)	0/50	(0%)	0/30	(0%)		0/50	(0%)	0/50	(0%)	0/90	(0%) (0%)
			` ,	0/50	(0%)	0/90	(0%)		0/50	(0%)	0/50	(0%)	1/50	(0%)
									0/30	(U701	0/30	10701	1/30	(Z70)
		0/50 0/50	(0%)	0/30	(070)	0,00	(070)			` ,		(-,-)		(/
Overall Incidence	Total	0/50 0/50 0/789 (0%	(0%)	Mean	,	SD 0%	,	Total	0/50 1/840 (0	(0%)		0.12%	SD 0	, ,

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

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: ALL ROUTES
Vehicle: ALL VEHICLES

Page: 59

			Male						F	emale		
#Skin: Osteosarcoma												,
O Stee Sur Coma		0/50 (0%)		0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50 (0%)	0/50 (0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50 (0%)	0/50 (0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50 (0%)	0/50 (0%)	0/90	(0%)		0/50	(0%)	0/50	(0%)	1/90	(1%)
		0/50 (0%)	0/50 (0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50 (0%)	,		,		0/50	(0%)		,		` ,
Overall Incidence	Total	0/789 (0%)	Mean 0%	SD 0%		Total	1/840 (0.	12%)		0.07%	SD 0.	
#Skin: Pilomatrixoma												
		0/50 (0%)		0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50 (0%)	0/50 (0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50 (0%)	0/50 (0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50 (0%)	0/50 (0%)	1/90	(1%)		0/50	(0%)	0/50	(0%)	0/90	(0%)
		0/50 (0%)	0/50 (0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50 (0%)					0/50	(0%)				
Overall Incidence	Total	1/789 (0.13%)	Mean 0.07%	SD 0.299		Total	0/840 (,		n 0%	SD	
#Skin: Sarcoma												
		0/50 (0%)		0/50	(0%)		0/50	(0%)	1/50	(2%)	0/50	(0%)
		0/50 (0%)	0/50 (0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50 (0%)	0/50 (0%)	0/50	(0%)		1/50	(2%)	0/50	(0%)	0/50	(0%)
		0/50 (0%)	0/50 (0%)	0/90	(0%)		1/50	(2%)	0/50	(0%)	2/90	(2%)
		0/50 (0%)	0/50 (0%)	1/50	(2%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50 (0%)					0/50	(0%)				
Overall Incidence	Total	1/789 (0.13%)	Mean 0.13%	SD 0.529	%	Total	5/840 (0	.6%)	Mean	0.51%	SD 0.	92%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

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: ALL ROUTES
Vehicle: ALL VEHICLES

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					Male						F	emale		
#Skin: Schwannoma Malignant	:													
•		0/50	(0%)			0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/90	(0%)		0/50	(0%)	0/50	(0%)	0/90	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	1/50	(2%)
		0/50	(0%)						0/50	(0%)				
Overall Incidence	Total	0/789 (0%	,	Mean		SD 0%		Total	1/840 (0.			0.12%	SD 0	
#Skin:														
Squamous Cell Carcino	ma, Basal Cell C	Carcinoma, Bas	sosquamoı	ıs Tumor (ı	malignant	or NOS),								
or Carcinoma														
or Carcinoma		0/50	(0%)			0/50	(0%)		0/50	(0%)	0/50	(0%)	1/50	(2%)
or Carcinoma		0/50 0/50	(0%) (0%)	0/50	(0%)	0/50 0/49	(0%) (0%)		0/50 0/50	(0%) (0%)	0/50 0/50	(0%) (0%)	1/50 0/50	(2%) (0%)
or Carcinoma			` ,	0/50 0/50	(0%) (0%)		` '			` ,		` '		` ,
or Carcinoma		0/50	(0%)		` ,	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
or Carcinoma		0/50 0/50	(0%) (0%)	0/50	(0%)	0/49 0/50	(0%) (0%)		0/50 0/50	(0%) (0%)	0/50 0/50	(0%) (0%)	0/50 0/50	(0%) (0%)
or Carcinoma		0/50 0/50 0/50	(0%) (0%) (0%)	0/50 0/50	(0%) (0%)	0/49 0/50 0/90	(0%) (0%) (0%)		0/50 0/50 0/50	(0%) (0%) (0%)	0/50 0/50 0/50	(0%) (0%) (0%)	0/50 0/50 0/90	(0%) (0%) (0%)
or Carcinoma Overall Incidence	Total	0/50 0/50 0/50 0/50	(0%) (0%) (0%) (0%) (0%)	0/50 0/50	(0%) (0%) (0%)	0/49 0/50 0/90	(0%) (0%) (0%) (0%)	Total	0/50 0/50 0/50 0/50	(0%) (0%) (0%) (0%) (0%)	0/50 0/50 0/50 0/50	(0%) (0%) (0%)	0/50 0/50 0/90	(0%) (0%) (0%) (0%) (2%)
Overall Incidence #Skin:	•••••	0/50 0/50 0/50 0/50 0/50	(0%) (0%) (0%) (0%) (0%)	0/50 0/50 0/50	(0%) (0%) (0%)	0/49 0/50 0/90 0/50	(0%) (0%) (0%) (0%)	Total	0/50 0/50 0/50 0/50 0/50	(0%) (0%) (0%) (0%) (0%)	0/50 0/50 0/50 0/50	(0%) (0%) (0%) (0%)	0/50 0/50 0/90 1/50	(0%) (0%) (0%) (0%) (2%)
Overall Incidence	•••••	0/50 0/50 0/50 0/50 0/50	(0%) (0%) (0%) (0%) (0%)	0/50 0/50 0/50	(0%) (0%) (0%)	0/49 0/50 0/90 0/50	(0%) (0%) (0%) (0%)	Total	0/50 0/50 0/50 0/50 0/50	(0%) (0%) (0%) (0%) (0%)	0/50 0/50 0/50 0/50	(0%) (0%) (0%) (0%)	0/50 0/50 0/90 1/50	(0%) (0%) (0%) (0%) (2%)
Overall Incidence #Skin:	•••••	0/50 0/50 0/50 0/50 0/50 0/50 0/789 (0%	(0%) (0%) (0%) (0%) (0%) (0%)	0/50 0/50 0/50	(0%) (0%) (0%)	0/49 0/50 0/90 0/50 SD 0%	(0%) (0%) (0%) (0%) (0%)	Total	0/50 0/50 0/50 0/50 0/50 2/840 (0.	(0%) (0%) (0%) (0%) (0%) (0%) 24%)	0/50 0/50 0/50 0/50 0/50 Mean	(0%) (0%) (0%) (0%) (0%)	0/50 0/50 0/90 1/50 SD 0.	(0%) (0%) (0%) (2%) 68%
Overall Incidence #Skin:	•••••	0/50 0/50 0/50 0/50 0/50 0/789 (0%	(0%) (0%) (0%) (0%) (0%) (0%)	0/50 0/50 0/50 Mean	(0%) (0%) (0%) (0%)	0/49 0/50 0/90 0/50 SD 0%	(0%) (0%) (0%) (0%) (0%)	Total	0/50 0/50 0/50 0/50 0/50 2/840 (0.	(0%) (0%) (0%) (0%) (0%) (0%) 24%) (0%)	0/50 0/50 0/50 0/50 0/50 Mean	(0%) (0%) (0%) (0%) (0%) 0.25%	0/50 0/50 0/90 1/50 SD 0.	(0%) (0%) (0%) (2%) 68% (0%)
Overall Incidence #Skin:	•••••	0/50 0/50 0/50 0/50 0/50 0/789 (0% 0/50	(0%) (0%) (0%) (0%) (0%) (0%) (0%)	0/50 0/50 0/50 Mean 0/50	(0%) (0%) (0%) (0%)	0/49 0/50 0/90 0/50 SD 0% 0/50 0/49	(0%) (0%) (0%) (0%) (0%)	Total	0/50 0/50 0/50 0/50 0/50 2/840 (0. 0/50 0/50	(0%) (0%) (0%) (0%) (0%) (0%) 24%) (0%) (0%)	0/50 0/50 0/50 0/50 0/50 Mean 0/50 0/50	(0%) (0%) (0%) (0%) (0%) 0.25% 	0/50 0/50 0/90 1/50 SD 0.	(0%) (0%) (0%) (2%) 68% (0%) (0%)
Overall Incidence #Skin:	•••••	0/50 0/50 0/50 0/50 0/50 0/789 (0% 0/50 0/50 0/50	(0%) (0%) (0%) (0%) (0%) (0%) (0%) (0%)	0/50 0/50 0/50 Mean 0/50 0/50	(0%) (0%) (0%) (0%) 0% (0%) (0%)	0/49 0/50 0/90 0/50 SD 0% 0/50 0/49 0/50	(0%) (0%) (0%) (0%) (0%) (0%) (0%) (0%)	Total	0/50 0/50 0/50 0/50 0/50 2/840 (0. 0/50 0/50 0/50	(0%) (0%) (0%) (0%) (0%) (0%) 24%) (0%) (0%) (0%)	0/50 0/50 0/50 0/50 0/50 Mean 0/50 0/50 1/50	(0%) (0%) (0%) (0%) (0%) 0.25% 	0/50 0/50 0/90 1/50 SD 0. 0/50 0/50 0/50	(0%) (0%) (0%) (2%) 68% (0%) (0%) (0%)
Overall Incidence #Skin:	•••••	0/50 0/50 0/50 0/50 0/50 0/50 0/789 (0% 0/50 0/50 0/50 0/50	(0%) (0%) (0%) (0%) (0%) (0%) (0%) (0%)	0/50 0/50 0/50 Mean 	(0%) (0%) (0%) (0%) 0% (0%) (0%) (0%)	0/49 0/50 0/90 0/50 SD 0% 0/50 0/49 0/50 0/90	(0%) (0%) (0%) (0%) (0%) (0%) (0%) (0%)	Total	0/50 0/50 0/50 0/50 0/50 2/840 (0. 0/50 0/50 0/50	(0%) (0%) (0%) (0%) (0%) (0%) (24%) (0%) (0%) (0%) (0%)	0/50 0/50 0/50 0/50 0/50 Mean 0/50 0/50 1/50 0/50	(0%) (0%) (0%) (0%) (0%) 0.25% 	0/50 0/50 0/90 1/50 SD 0. 0/50 0/50 0/50 0/90	(0%) (0%) (0%) (2%) 68% (0%) (0%) (0%) (0%)

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

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: ALL ROUTES
Vehicle: ALL VEHICLES

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					Male						F	emale		
#Skin: Squamous Cell Papillo	ama or Banilloma													
Squamous Cen Papino	oma or Papinoma		(00/)			0/50	(00/)		0/50	(00/)	0/50	(00/)	0/50	(00/)
		0/50 0/50	(0%) (0%)	0/50	(0%)	0/50 0/49	(0%) (0%)		0/50 0/50	(0%) (0%)	0/50 0/50	(0%) (0%)	0/50 0/50	(0%) (0%)
		0/50	(0%)	0/50	(0%)	0/49	(0%)			(0%)	1/50	(0%)	0/50	(0%)
		0/50	` '	0/50	` '	0/90	` '		0/50	` '		` ,	0/90	(0%)
		0/50	(0%) (0%)	0/50	(0%) (0%)	0/90	(0%) (0%)		0/50 0/50	(0%) (0%)	0/50 0/50	(0%) (0%)	0/90	(0%)
		0/50	(0%)	0/50	(0%)	0/30	(0%)		0/50	(0%)	0/30	(0%)	0/30	(0%)
Overall Incidence	Total	0/30	` ,	Mean	0%	SD 0%		Total	1/840 (0.	` ,	Mean	0.12%	SD 0	5%
		•	,						,	,				
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
	Total	0/50 0/50 0/50 0/50 0/50 1/789 (0.13	(0%) (0%) (0%) (0%) (0%)	0/50 0/50 0/50 Mean 0	(0%) (0%) (0%) 13%	0/50 0/90 1/50 SD 0.529	(0%) (0%) (0%) (2%)	Total	0/50 0/50 0/50 0/50 1/840 (0.	(0%) (0%) (0%) (0%) (12%)	1/50 0/50 0/50 Mean	(2%) (0%) (0%) 0.12%	0/50 0/90 0/50 SD 0	(0%) (0%) (0%)
Overall Incidence ≄Skin: Squamous Cell Papillo		0/50 0/50 0/50 0/50 0/50 1/789 (0.13	(0%) (0%) (0%) (0%) (0%)	0/50 0/50 0/50 Mean 0	(0%) (0%) (0%) 13%	0/50 0/90 1/50 SD 0.529	(0%) (0%) (0%) (2%)		0/50 0/50 0/50 0/50 1/840 (0.	(0%) (0%) (0%) (0%) (12%)	1/50 0/50 0/50 Mean	(2%) (0%) (0%) 0.12%	0/50 0/90 0/50 SD 0	(0%) (0%) (0%)
#Skin:		0/50 0/50 0/50 0/50 0/50 1/789 (0.13	(0%) (0%) (0%) (0%) (0%)	0/50 0/50 0/50 Mean 0	(0%) (0%) (0%) 13%	0/50 0/90 1/50 SD 0.529	(0%) (0%) (0%) (2%)		0/50 0/50 0/50 0/50 1/840 (0.	(0%) (0%) (0%) (0%) (12%)	1/50 0/50 0/50 Mean	(2%) (0%) (0%) 0.12%	0/50 0/90 0/50 SD 0	(0%) (0%) (0%)
Skin:		0/50 0/50 0/50 0/50 1/789 (0.13	(0%) (0%) (0%) (0%) (0%) 3%)	0/50 0/50 0/50 Mean 0	(0%) (0%) (0%) 13%	0/50 0/90 1/50 SD 0.529	(0%) (0%) (2%)		0/50 0/50 0/50 0/50 0/50 1/840 (0.	(0%) (0%) (0%) (0%) 12%)	1/50 0/50 0/50 Mean	(2%) (0%) (0%) 0.12%	0/50 0/90 0/50 SD 0	(0%) (0%) (0%)
Skin:		0/50 0/50 0/50 0/50 0/50 1/789 (0.13 or Keratoacanth	(0%) (0%) (0%) (0%) (0%) ************************************	0/50 0/50 0/50 0/50 Mean 0	(0%) (0%) (0%) 13%	0/50 0/90 1/50 SD 0.529	(0%) (0%) (2%) % 		0/50 0/50 0/50 0/50 0/50 1/840 (0.	(0%) (0%) (0%) (0%) (0%) 12%) (0%)	1/50 0/50 0/50 Mean 0/50	(2%) (0%) (0%) 0.12% 	0/50 0/90 0/50 SD 0	(0%) (0%) (0%) .5%
#Skin:		0/50 0/50 0/50 0/50 1/789 (0.13 or Keratoacanth 0/50 0/50	(0%) (0%) (0%) (0%) (0%) 3%) 	0/50 0/50 0/50 0/50 Mean 0	(0%) (0%) (0%) 13% (0%)	0/50 0/90 1/50 SD 0.529 0/50 0/49	(0%) (0%) (2%) % (0%) (0%) (0%)		0/50 0/50 0/50 0/50 1/840 (0. 0/50	(0%) (0%) (0%) (0%) (0%) 12%) (0%) (0%)	1/50 0/50 0/50 Mean 0/50 0/50	(2%) (0%) (0%) (0%) 0.12% (0%) (0%)	0/50 0/90 0/50 SD 0	(0%) (0%) (0%) .5%
Skin:		0/50 0/50 0/50 0/50 1/789 (0.13 or Keratoacanth 0/50 0/50 0/50	(0%) (0%) (0%) (0%) (0%) 3%) 	0/50 0/50 0/50 0/50 Mean 0	(0%) (0%) (0%) (0%) 13% (0%) (0%)	0/50 0/90 1/50 SD 0.529 0/50 0/49 0/50	(0%) (0%) (2%) % (0%) (0%) (0%) (0%)		0/50 0/50 0/50 0/50 1/840 (0. 0/50 0/50 0/50	(0%) (0%) (0%) (0%) (0%) 12%) (0%) (0%) (0%)	1/50 0/50 0/50 Mean 0/50 0/50 1/50	(2%) (0%) (0%) (0%) 0.12% (0%) (0%) (0%) (2%)	0/50 0/90 0/50 SD 0	(0%) (0%) (0%) (0%) .5%
Skin:		0/50 0/50 0/50 0/50 1/789 (0.13 or Keratoacanth 0/50 0/50 0/50 0/50	(0%) (0%) (0%) (0%) (0%) 3%) 	0/50 0/50 0/50 0/50 Mean 0. 	(0%) (0%) (0%) (0%) 13% (0%) (0%) (0%)	0/50 0/90 1/50 SD 0.529 0/50 0/49 0/50 0/90	(0%) (0%) (2%) % (0%) (0%) (0%) (0%) (0%)		0/50 0/50 0/50 0/50 1/840 (0. 0/50 0/50 0/50 0/50	(0%) (0%) (0%) (0%) (0%) 12%) (0%) (0%) (0%) (0%)	1/50 0/50 0/50 Mean 0/50 0/50 1/50 0/50	(2%) (0%) (0%) 0.12% 	0/50 0/90 0/50 SD 0 0/50 0/50 0/50 0/90	(0%) (0%) (0%) (0%) .5%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

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: ALL ROUTES
Vehicle: ALL VEHICLES

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					Male						F	emale		
#Spinal Cord: Astrocytoma Malignant														
		0/50	(0%)			0/50	(0%)		0/50	(0%)	1/50	(2%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/90	(0%)		0/50	(0%)	0/50	(0%)	0/90	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)						0/50	(0%)				
Overall Incidence	Total	0/789 (0%	,	Mean		SD 0%		Total	1/840 (0.	,		0.12%	SD 0	
#Spinal Cord: Schwannoma Malignant														
J		0/50	(0%)			0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/90	(0%)		0/50	(0%)	0/50	(0%)	0/90	(0%)
		0/50	(0%)	1/50	(2%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)		` ,		` ,		0/50	(0%)		` ,		,
Overall Incidence	Total	1/789 (0.13	,	Mean 0		SD 0.529		Total	0/840 (,		ın 0%	SD	
Spleen: Hemangiosarcoma														
_		2/49	(4%)			0/48	(0%)		0/50	(0%)	1/50	(2%)	0/50	(0%)
		0/50	(0%)	2/50	(4%)	1/48	(2%)		0/50	(0%)	0/50	(0%)	0/49	(0%)
		1/50	(2%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	1/50	(2%)	0/50	(0%)
		1/50	(2%)	1/50	(2%)	0/87	(0%)		1/50	(2%)	0/50	(0%)	0/86	(0%)
		1/50	(2%)	4/49	(8%)	1/50	(2%)		0/50	(0%)	0/50	(0%)	1/50	(2%)
		2/50	(4%)						1/49	(2%)				
Overall Incidence	Total	16/780 (2.0	5%)	Mean 2	.16%	SD 2.249	%	Total	5/834 (0	.6%)	Mean	0.63%	SD 0.	.96%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Strain: B6C3F1/N

II. DCC2020

Contract/Lab: All Laboratories Species: MICE

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

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					Male						F	emale		
#Stomach, Forestomach: Mast Cell Tumor Malignant														
•		0/50	(0%)			0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/90	(0%)		0/50	(0%)	0/50	(0%)	0/90	(0%)
		0/50	(0%)	1/50	(2%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)						0/50	(0%)				
Overall Incidence	Total	1/789 (0.13	,	Mean 0		SD 0.52		Total	0/840 (,		n 0%	SD	
#Stomach, Forestomach: Squamous Cell Carcinoma		0/50	(0%)			0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	1/50	(2%)	0/50	(0%)
		1/50	(2%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/90	(0%)		0/50	(0%)	0/50	(0%)	0/90	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)		` ,		, ,		0/50	(0%)		` ,		` ,
Overall Incidence	Total	1/789 (0.13	3%)	Mean 0	.13%	SD 0.52	%	Total	1/840 (0	12%)	Mean	0.12%	SD 0	.5%
#Stomach, Forestomach: Squamous Cell Carcinoma		na Squamous												
		1/50	(2%)			0/50	(0%)		1/50	(2%)	0/50	(0%)	0/50	(0%)
		1/50	(2%)	0/50	(0%)	2/49	(4%)		0/50	(0%)	2/50	(4%)	1/50	(2%)
		2/50	(4%)	0/50	(0%)	1/50	(2%)		1/50	(2%)	0/50	(0%)	1/50	(2%)
		1/50	(2%)	2/50	(4%)	0/90	(0%)		1/50	(2%)	0/50	(0%)	1/90	(1%)
		1/50	(2%)	0/50	(0%)	5/50	(10%)		0/50	(0%)	1/50	(2%)	0/50	(0%)
		0/50	(0%)						1/50	(2%)				
Overall Incidence	Total	16/789 (2.0	3%)	Mean 2	.14%	SD 2.67	%	Total	10/840 (1	.19%)	Mean	1.19%	SD 1.	22%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

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: ALL ROUTES
Vehicle: ALL VEHICLES

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					Male			Female						
#Stomach, Forestomach: Squamous Cell Papilloma														
		1/50	(2%)			0/50	(0%)		1/50	(2%)	0/50	(0%)	0/50	(0%)
		1/50	(2%)	0/50	(0%)	2/49	(4%)		0/50	(0%)	1/50	(2%)	1/50	(2%)
		1/50	(2%)	0/50	(0%)	1/50	(2%)		1/50	(2%)	0/50	(0%)	1/50	(2%)
		1/50	(2%)	2/50	(4%)	0/90	(0%)		1/50	(2%)	0/50	(0%)	1/90	(1%)
		1/50	(2%)	0/50	(0%)	5/50	(10%)		0/50	(0%)	1/50	(2%)	0/50	(0%)
		0/50	(0%)		` ,		, ,		1/50	(2%)		` ,		` ,
Overall Incidence	Total	15/789 (1.9	,	Mean 2		SD 2.62		Total	9/840 (1	,		1.07%	SD	
#Stomach, Glandular: Adenoma														
		0/50	(0%)			0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	1/50	(2%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/90	(0%)		0/50	(0%)	0/50	(0%)	0/90	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)		, ,		, ,		0/50	(0%)		, ,		, ,
Overall Incidence	Total	0/789 (0%	,	Mean		SD 0%		Total	1/840 (0	,		0.12%	SD (
#Stomach, Glandular: Carcinoma														
		0/50	(0%)			0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	1/50	(2%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/90	(0%)		0/50	(0%)	0/50	(0%)	0/90	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)						0/50	(0%)				
Overall Incidence	Total	1/789 (0.13	3%)	Mean 0	.13%	SD 0.52	%	Total	0/840 (0%)	Mea	n 0%	SD	0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1/N

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

			Male			Female					
#Stomach, Glandular: Carcinoma or Adenoma											
		0/50 (0%)		0/50 (0%	%)	0/50 (0%)	0/50 (0%)	0/50 (0%)			
		0/50 (0%)	0/50 (0%)	0/49 (0%	,	0/50 (0%)	0/50 (0%)	1/50 (2%)			
		0/50 (0%)	1/50 (2%)	0/50 (0%	6)	0/50 (0%)	0/50 (0%)	0/50 (0%)			
		0/50 (0%)	0/50 (0%)	0/90 (09	(6)	0/50 (0%)	0/50 (0%)	0/90 (0%)			
		0/50 (0%)	0/50 (0%)	0/50 (0%	6)	0/50 (0%)	0/50 (0%)	0/50 (0%)			
		0/50 (0%)				0/50 (0%)					
Overall Incidence	Total	1/789 (0.13%)	Mean 0.13%	SD 0.52%	Total	1/840 (0.12%)	Mean 0.12%	SD 0.5%			
*Testis:											
		0/49 (0%)		0/49 (0%	%)						
		0/50 (0%)	1/50 (2%)	0/49 (0%	()						
		0/50 (0%)	0/50 (0%)	0/50 (0%	()						
		0/50 (0%)	2/50 (4%)	2/90 (29	6)						
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%	6)						
Overall Incidence	Total	5/787 (0.64%)	Mean 0.55%	SD 1.21%							
*Testis: Hemangioma											
		0/49 (0%)		0/49 (0%	%)						
		0/50 (0%)	0/50 (0%)	1/49 (29	%)						
		0/50 (0%)	0/50 (0%)	0/50 (0%	%)						
		0/50 (0%)	0/50 (0%)	0/90 (0%	%)						
		0/50 (0%) 0/50 (0%)	0/50 (0%)	0/50 (0%	6)						
Overall Incidence	Total	1/787 (0.13%)	Mean 0.14%	SD 0.53%							

^{*:} Denominator is number of animals with tissues examined microscopically

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^{#:} Denominator is number of animals necropsied

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: ALL ROUTES
Vehicle: ALL VEHICLES

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					Male				Female					
*Thymus: Thymoma Benign														
		0/41	(0%)			0/43	(0%)		0/47	(0%)	0/48	(0%)	0/47	(0%)
		0/45	(0%)	0/44	(0%)	0/45	(0%)		0/45	(0%)	0/47	(0%)	0/48	(0%)
		1/49	(2%)	0/41	(0%)	0/44	(0%)		0/49	(0%)	0/44	(0%)	0/48	(0%)
		0/48	(0%)	0/40	(0%)	0/75	(0%)		0/50	(0%)	0/48	(0%)	0/85	(0%)
		0/41	(0%)	0/45	(0%)	0/47	(0%)		0/49	(0%)	0/49	(0%)	0/50	(0%)
		0/46	(0%)		` ,		` ,		0/48	(0%)		, ,		,
Overall Incidence	Total	1/694 (0.14	,	Mean 0		SD 0.539		Total	0/802 (,		ın 0%	SD	
*Thymus: Thymoma NOS														
		0/41	(0%)			0/43	(0%)		1/47	(2%)	0/48	(0%)	0/47	(0%)
		0/45	(0%)	0/44	(0%)	0/45	(0%)		0/45	(0%)	0/47	(0%)	0/48	(0%)
		0/49	(0%)	0/41	(0%)	0/44	(0%)		0/49	(0%)	0/44	(0%)	0/48	(0%)
		0/48	(0%)	0/40	(0%)	0/75	(0%)		0/50	(0%)	0/48	(0%)	0/85	(0%)
		0/41	(0%)	0/45	(0%)	0/47	(0%)		0/49	(0%)	0/49	(0%)	0/50	(0%)
		0/46	(0%)						0/48	(0%)				
Overall Incidence	Total	0/694 (0%	,	Mean		SD 0%		Total	1/802 (0.	,		0.13%	SD 0.	
Thymus: Thymoma: Benign, Mal														
		0/41	(0%)			0/43	(0%)		1/47	(2%)	0/48	(0%)	0/47	(0%)
		0/45	(0%)	0/44	(0%)	0/45	(0%)		0/45	(0%)	0/47	(0%)	0/48	(0%)
		1/49	(2%)	0/41	(0%)	0/44	(0%)		0/49	(0%)	0/44	(0%)	0/48	(0%)
		0/48	(0%)	0/40	(0%)	0/75	(0%)		0/50	(0%)	0/48	(0%)	0/85	(0%)
		0/41	(0%)	0/45	(0%)	0/47	(0%)		0/49	(0%)	0/49	(0%)	0/50	(0%)
		0/46	(0%)		, ,		, ,		0/48	(0%)		, ,		,
Overall Incidence	Total	1/694 (0.14	` ,	Mean 0	14%	SD 0.539	2/6	Total	1/802 (0.	` '	Mean	0.13%	SD 0.	53%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

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: ALL ROUTES
Vehicle: ALL VEHICLES

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			Male				Female					
Thyroid Gland: C-Cell:												·
		0/49 (0%)		0/50	(0%)		0/48	(0%)	0/50	(0%)	0/50	(0%)
		0/50 (0%)	0/50 (0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/48	(0%)
		0/50 (0%)	0/50 (0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50 (0%)	0/50 (0%)	0/89	(0%)		0/50	(0%)	1/50	(2%)	0/86	(0%)
		0/50 (0%)	0/50 (0%)	0/50	(0%)		0/50	(0%)	0/49	(0%)	0/50	(0%)
		0/50 (0%)					0/49	(0%)				
Overall Incidence	Total	0/787 (0%)	Mean 0%	SD 0%		Total	1/830 (0	,		0.12%	SD 0	
*Thyroid Gland: C-Cell: Carcinoma		•••••										
		0/49 (0%)		0/50	(0%)		0/48	(0%)	0/50	(0%)	0/50	(0%)
		0/50 (0%)	0/50 (0%)	0/49	(0%)		1/50	(2%)	0/50	(0%)	0/48	(0%)
		0/50 (0%)	0/50 (0%)	0/50	(0%)		1/50	(2%)	0/50	(0%)	1/50	(2%)
		0/50 (0%)	0/50 (0%)	0/89	(0%)		0/50	(0%)	0/50	(0%)	1/86	(1%)
		0/50 (0%)	0/50 (0%)	0/50	(0%)		0/50	(0%)	0/49	(0%)	0/50	(0%)
		0/50 (0%)	, ,		, ,		0/49	(0%)		, ,		, ,
Overall Incidence	Total	0/787 (0%)	Mean 0%	SD 0%		Total	4/830 (0	,		0.45%	SD 0.	
*Thyroid Gland: C-Cell: Carcinoma or Adenoma												
		0/49 (0%)		0/50	(0%)		0/48	(0%)	0/50	(0%)	0/50	(0%)
		0/50 (0%)	0/50 (0%)	0/49	(0%)		1/50	(2%)	0/50	(0%)	0/48	(0%)
		0/50 (0%)	0/50 (0%)	0/50	(0%)		1/50	(2%)	0/50	(0%)	1/50	(2%)
		0/50 (0%)	0/50 (0%)	0/89	(0%)		0/50	(0%)	1/50	(2%)	1/86	(1%)
		0/50 (0%)	0/50 (0%)	0/50	(0%)		0/50	(0%)	0/49	(0%)	0/50	(0%)
		0/50 (0%)					0/49	(0%)				
Overall Incidence	Total	0/787 (0%)	Mean 0%	SD 0%		Total	5/830 (0	0.6%)	Mean	0.57%	SD 0	.9%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES

Species: MICE Strain: B6C3F1/N Length of Study: CHRONIC

Route: ALL ROUTES

Vehicle: ALL VEHICLES

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			Male			Female					
Thyroid Gland: Follicular (Cell:										
		0/49 (0%)		0/50 (0)%)	0/48 (0%)	0/50 (0%)	1/50 (2%)			
		0/50 (0%)	1/50 (2%)	0/49 (0)%)	0/50 (0%)	0/50 (0%)	1/48 (2%)			
		0/50 (0%)	0/50 (0%)	0/50 (0)%)	1/50 (2%)	0/50 (0%)	0/50 (0%)			
		0/50 (0%)	1/50 (2%)	0/89 (0)%)	0/50 (0%)	1/50 (2%)	0/86 (0%)			
		0/50 (0%)	0/50 (0%)	0/50 (0)%)	0/50 (0%)	1/49 (2%)	0/50 (0%)			
		0/50 (0%)				0/49 (0%)					
Overall Incidence	Total	2/787 (0.25%)	Mean 0.27%	SD 0.7%	Total	5/830 (0.6%)	Mean 0.63%	SD 0.97%			
Thyroid Gland: Follicular (Carcinoma											
		0/49 (0%)		0/50 (0)%)	0/48 (0%)	1/50 (2%)	0/50 (0%)			
		0/50 (0%)	0/50 (0%)	,)%)	0/50 (0%)	0/50 (0%)	0/48 (0%)			
		0/50 (0%)	0/50 (0%)	0/50 (0)%)	0/50 (0%)	0/50 (0%)	0/50 (0%)			
		0/50 (0%)	0/50 (0%)	0/89 (0)%)	0/50 (0%)	0/50 (0%)	0/86 (0%)			
		0/50 (0%)	0/50 (0%)	0/50 (0)%)	0/50 (0%)	0/49 (0%)	0/50 (0%)			
		1/50 (2%)	,	`	,	0/49 (0%)	,	,			
Overall Incidence	Total	1/787 (0.13%)	Mean 0.13%	SD 0.52%	Total	1/830 (0.12%)	Mean 0.12%	SD 0.5%			
Thyroid Gland: Follicular (Carcinoma or Adenoma											
		0/49 (0%)		0/50 (0)%)	0/48 (0%)	1/50 (2%)	1/50 (2%)			
		0/50 (0%)	1/50 (2%)	0/49 (0)%)	0/50 (0%)	0/50 (0%)	1/48 (2%)			
		0/50 (0%)	0/50 (0%)	0/50 (0)%)	1/50 (2%)	0/50 (0%)	0/50 (0%)			
		0/50 (0%)	1/50 (2%)	0/89 (0)%)	0/50 (0%)	1/50 (2%)	0/86 (0%)			
		0/50 (0%)	0/50 (0%)	0/50 (0)%)	0/50 (0%)	1/49 (2%)	0/50 (0%)			
		1/50 (2%)				0/49 (0%)					
Overall Incidence	Total	3/787 (0.38%)	Mean 0.4%	SD 0.83%	Total	6/830 (0.72%)	Mean 0.76%	SD 1.01%			

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

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: ALL ROUTES
Vehicle: ALL VEHICLES

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					Male				Female					
#Tongue:														
Squamous Cell Carcino	oma or Papillom	a Squamous												
		0/50	(0%)			0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		1/50	(2%)	0/50	(0%)	0/90	(0%)		0/50	(0%)	0/50	(0%)	0/90	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	1/50	(2%)	1/50	(2%)
		0/50	(0%)						0/50	(0%)				
Overall Incidence	Total	1/789 (0.13	,	Mean 0		SD 0.529		Total	2/840 (0	,		0.25%	SD 0.	
Tongue:														
Squamous Cell Papillo	ma													
		0/50	(0%)			0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		1/50	(2%)	0/50	(0%)	0/90	(0%)		0/50	(0%)	0/50	(0%)	0/90	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	1/50	(2%)	1/50	(2%)
		0/50	(0%)						0/50	(0%)				
Overall Incidence	Total	1/789 (0.13	,	Mean 0		SD 0.529		Total	2/840 (0			0.25%	SD 0.	
Tooth:														
Odontoma														
		0/50	(0%)			0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/49	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/50	(0%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)	0/50	(0%)	0/90	(0%)		0/50	(0%)	0/50	(0%)	0/90	(0%)
		0/50	(0%)	1/50	(2%)	2/50	(4%)		0/50	(0%)	0/50	(0%)	0/50	(0%)
		0/50	(0%)						0/50	(0%)				
Overall Incidence	Total	3/789 (0.38	3%)	Mean ().4%	SD 1.129	%	Total	0/840 (0%)	Mea	n 0%	SD	0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

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Report Date: 12/18/2020

Species: MICE Strain: B6C3F1/N Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Male **Female** *Urinary Bladder: Hemangiosarcoma 0/50 (0%)0/49 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/49 (0%)0/48 (0%)0/50 (0%)0/50 (0%)0/50 (0%)1/50 (2%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/86 (0%)0/50 (0%)0/87 0/50 (0%)0/49 (0%)(0%)0/50 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)(0%)0/49 (0%)0/49 (0%)**Overall Incidence** Total 1/784 (0.13%) Mean 0.13% SD 0.52% Total 0/832 (0%) Mean 0% SD 0% *Urinary Bladder: **Mast Cell Tumor** 0/50 (0%)0/49 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/49 (0%)0/48 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 0/50 (0%)0/50 (0%)(0%)0/50 (0%)0/50 (0%)1/87 (1%) 0/50 (0%)0/49 (0%)0/86 (0%)0/50 (0%)(0%) 0/50 (0%) 0/50 (0%)0/50 (0%)0/50 (0%)0/50 0/49 (0%)0/49 (0%)**Overall Incidence** 0/832 (0%) Total 1/784 (0.13%) Mean 0.08% SD 0.3% Total Mean 0% SD 0% #Uterus: Adenocarcinoma or Adenoma 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 0/50 (0%)(0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 0/90 (0%)1/50 (2%)(0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)**Overall Incidence** Total 1/840 (0.12%) Mean 0.12% SD 0.5%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1/N

Toxicology Data Management System

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Report Date: 12/18/2020

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups
Route: ALL ROUTES

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

M	ale	Female					
#Uterus: Adenoma							
		0/50 (0%)	0/50 (0%)	0/50 (0%)			
		0/50 (0%)	0/50 (0%)	0/50 (0%)			
		0/50 (0%)	0/50 (0%)	0/50 (0%)			
		0/50 (0%)	1/50 (2%)	0/90 (0%)			
		0/50 (0%)	0/50 (0%)	0/50 (0%)			
		0/50 (0%)	()	(111)			
Overall Incidence	Total	1/840 (0.12%)	Mean 0.12%	SD 0.5%			
Uterus:							
Adenoma, Adenocarcinoma, Sq Cell Carcinoma, or Sq Cell Papilloma							
		0/50 (0%)	0/50 (0%)	0/50 (0%)			
		0/50 (0%)	0/50 (0%)	0/50 (0%)			
		0/50 (0%)	0/50 (0%)	0/50 (0%)			
		0/50 (0%)	1/50 (2%)	0/90 (0%)			
		0/50 (0%)	0/50 (0%)	0/50 (0%)			
		0/50 (0%)					
Overall Incidence	Total	1/840 (0.12%)	Mean 0.12%	SD 0.5%			
fUterus:							
Fibroma		0/50 (0%)	0/50 (0%)	0/50 (0%)			
		0/50 (0%)	0/50 (0%)	0/50 (0%)			
		0/50 (0%)	0/50 (0%)	0/50 (0%)			
		0/50 (0%)	0/50 (0%)	1/90 (1%)			
		0/50 (0%)	0/50 (0%)	0/50 (0%)			
		0/50 (0%)	0/30 (0%)	0/30 (0%)			
Overall Incidence	Total	,	Mean 0.07%	SD 0.28%			
Jveraii incidence		1/840 (0.12%)		SD 0.28%			

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Strain: B6C3F1/N

Species: MICE

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES
Vehicle: ALL VEHICLES

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Male **Female #Uterus: Granular Cell Tumor Benign** 1/50 (2%)1/50 (2%)0/50 (0%)(0%)0/50 (0%)0/50 0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/90 0/50 (0%)0/50 (0%)(0%)0/50 0/50 (0%)0/50 (0%)(0%)0/50 (0%)**Overall Incidence** Total 2/840 (0.24%) Mean 0.25% SD 0.68% #Uterus: Hemangioma 0/50 0/50 (0%)1/50 (2%)(0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 0/50 0/50 (0%)(0%)(0%)0/50 (0%)1/50 (2%)0/90 (0%)0/50 (0%)0/50 (0%)0/50 (0%)0/50 (0%)**Overall Incidence** 2/840 (0.24%) Mean 0.25% SD 0.68% Total #Uterus: Hemangiosarcoma 0/50 1/50 (2%)0/50 (0%)(0%)0/50 (0%)0/50 0/50 (0%)(0%)0/50 (0%)1/50 (2%)1/50 (2%)1/50 (2%)0/50 0/90 (0%)(0%)0/50 (0%)1/50 0/50 (0%)0/50 (0%)**Overall Incidence** Total 5/840 (0.6%) Mean 0.62% SD 0.96%

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^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

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: ALL ROUTES
Vehicle: ALL VEHICLES

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Male		Female						
#Uterus: Leiomyoma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)				
		1/50 (2%)	0/50 (0%)	0/50 (0%)				
		0/50 (0%)	1/50 (2%)	0/50 (0%)				
		0/50 (0%)	0/50 (0%)	1/90 (1%)				
		0/50 (0%)	0/50 (0%)	0/50 (0%)				
		0/50 (0%)						
Overall Incidence	Total	3/840 (0.36%)	Mean 0.32%	SD 0.71%				
#Uterus: Polyp Stromal								
•		4/50 (8%)	1/50 (2%)	0/50 (0%)				
		0/50 (0%)	2/50 (4%)	1/50 (2%)				
		0/50 (0%)	0/50 (0%)	1/50 (2%)				
		0/50 (0%)	0/50 (0%)	0/90 (0%)				
		0/50 (0%)	0/50 (0%)	0/50 (0%)				
		1/50 (2%)	, ,	,				
Overall Incidence	Total	10/840 (1.19%)	Mean 1.25%	SD 2.18%				
#Uterus: Sarcoma								
		0/50 (0%)	1/50 (2%)	0/50 (0%)				
		0/50 (0%)	0/50 (0%)	0/50 (0%)				
		0/50 (0%)	0/50 (0%)	0/50 (0%)				
		0/50 (0%)	0/50 (0%)	0/90 (0%)				
		0/50 (0%)	0/50 (0%)	0/50 (0%)				
		0/50 (0%)	()					
		0/30 (0/0)						

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

Route: ALL ROUTES

Report Date: 12/18/2020

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Species: MICE Strain: B6C3F1/N

Vehicle: ALL VEHICLES Length of Study: CHRONIC

Male		Female						
fUterus: Sarcoma Stromal								
		0/50 (0%)	0/50 (0%)	0/50 (0%)				
		0/50 (0%)	0/50 (0%)	0/50 (0%)				
		0/50 (0%)	0/50 (0%)	0/50 (0%)				
		0/50 (0%)	0/50 (0%)	0/90 (0%)				
		0/50 (0%)	0/50 (0%)	2/50 (4%)				
		0/50 (0%)						
Overall Incidence	Total	2/840 (0.24%)	Mean 0.25%	SD 1%				
EUterus: Sarcoma Stromal or Polyp Stromal								
•		4/50 (8%)	1/50 (2%)	0/50 (0%)				
		0/50 (0%)	2/50 (4%)	1/50 (2%)				
		0/50 (0%)	0/50 (0%)	1/50 (2%)				
		0/50 (0%)	0/50 (0%)	0/90 (0%)				
		0/50 (0%)	0/50 (0%)	2/50 (4%)				
		1/50 (2%)						
Overall Incidence	Total	12/840 (1.43%)	Mean 1.5%	SD 2.25%				
Vagina: Hemangioma								
		0/50 (0%)	0/50 (0%)	0/50 (0%)				
		1/50 (2%)	0/50 (0%)	0/50 (0%)				
		0/50 (0%)	0/50 (0%)	0/50 (0%)				
		0/50 (0%)	0/50 (0%)	0/90 (0%)				
		0/50 (0%)	0/50 (0%)	0/50 (0%)				
		0/50 (0%)						
Overall Incidence	Total	1/840 (0.12%)	Mean 0.12%	SD 0.5%				

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups Species: MICE Route: ALL ROUTES Strain: B6C3F1/N Vehicle: ALL VEHICLES

Length of Study: CHRONIC

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			Male				Female	
#Zymbal's Gland: Carcinoma								
		0/50 (0%)		0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	1/50 (2%)	0/90 (0%)		0/50 (0%)	0/50 (0%)	0/90 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	(111)	()		0/50 (0%)	()	(***)
Overall Incidence	Total	1/789 (0.13%)	Mean 0.13%	SD 0.52%	Total	0/840 (0%)	Mean 0%	SD 0%
#Zymbal's Gland: Carcinoma or Adenoma								
		0/50 (0%)		0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/49 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	1/50 (2%)	0/90 (0%)		0/50 (0%)	0/50 (0%)	0/90 (0%)
		0/50 (0%)	0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
		0/50 (0%)	,	` '		0/50 (0%)	, ,	, ,
Overall Incidence	Total	1/789 (0.13%)	Mean 0.13%	SD 0.52%	Total	0/840 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied