

Health Monitoring Report for Mice

Institution: Harvard University Faculty of Arts and Sciences

Date: 27 Sept 2019

Microbiological Entity/Unit

Building: BRI

Room(s): POD 4: 1403, 1405, 1406, 1409, 1410

Entity/Unit type (mark the correct type) :

Conventional

Barrier

Isolator

Other



Contact person (name, e-mail, phone)

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Testing Results:

Testing Results:				Most recent tests		Historical results	
				Tested subject (sentinel, colony animal, environmental, etc.)		Collected over 18 months	
Testing Laboratory	Testing method			Date	No. positives/ No. tested	No. positives/ No. tested	Testing frequency
Viruses :							
Ectromelia virus ¹	CRL	PCR	Environmental	5-Apr-19	0/31	0/61	Yearly
Hantaviruses	CRL	PCR	Environmental	5-Apr-19	0/31	0/61	Yearly
K virus				Not tested			
Lactate dehydrogenase elevating virus				Not tested			
Lymphocytic choriomeningitis virus ¹	CRL	PCR	Environmental	5-Apr-19	0/31	0/61	Yearly
Mouse adenovirus (type 1) ¹	CRL	PCR	Environmental	5-Apr-19	0/31	0/61	Yearly
Mouse adenovirus (type 2) ¹	CRL	PCR	Environmental	5-Apr-19	0/31	0/61	Yearly
Mouse cytomegalovirus				Not tested			
Mouse hepatitis virus ¹	CRL	PCR	Environmental	27-Sep-19	0/6	0/85	Quarterly
Mouse norovirus ¹	CRL	PCR	Environmental	27-Sep-19	4/6	47/85	Quarterly
Mouse rotavirus ¹	CRL	PCR	Environmental	27-Sep-19	0/6	0/85	Quarterly
Mouse thymic virus				Not tested			
Parvovirus ¹	CRL	PCR	Environmental	27-Sep-19	0/6	0/85	Quarterly
- NS1				Not tested			
- MPV ¹	CRL	PCR	Environmental	27-Sep-19	0/6	0/85	Quarterly
- MVM ¹	CRL	PCR	Environmental	27-Sep-19	0/6	0/85	Quarterly
Polyoma virus				Not tested			
Pneumonia virus of mice ¹	CRL	PCR	Environmental	5-Apr-19	0/31	0/61	Yearly
Reovirus type 3 ¹	CRL	PCR	Environmental	5-Apr-19	0/31	0/61	Yearly
Sendai virus ¹	CRL	PCR	Environmental	5-Apr-19	0/31	0/61	Yearly
Theiler's murine encephalomyelitis virus ¹	CRL	PCR	Environmental	27-Sep-19	0/6	0/85	Quarterly

Bacteria & fungi:

β -hemolytic <i>Streptococcus</i> spp. (not group D) ¹	CRL	PCR	Environmental	5-Apr-19	0/31	1/61	Yearly
<i>Bordetella bronchiseptica</i>	CRL	PCR	Environmental	5-Apr-19	0/31	0/61	Yearly
<i>Bordetella hinzii</i>	CRL	PCR	Environmental	5-Apr-19	0/31	0/61	Yearly
Cilia-associated respiratory bacillus	CRL	PCR	Environmental	5-Apr-19	0/31	0/61	Yearly
<i>Citrobacter rodentium</i> ¹	CRL	PCR	Environmental	5-Apr-19	0/31	0/61	Yearly
<i>Clostridium piliforme</i> ¹	CRL	PCR	Environmental	5-Apr-19	0/31	0/61	Yearly
<i>Corynebacterium kutscheri</i> ¹	CRL	PCR	Environmental	5-Apr-19	0/31	0/61	Yearly
<i>Helicobacter</i> spp. ¹				Enzootic in colony			
<i>Klebsiella oxytoca</i>	CRL	PCR	Environmental	5-Apr-19	6/31	6/61	Yearly

1: The 2014 FELASA recommendations include these agents.

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Testing Results (continued):

Testing Results (continued):				Most recent tests		Historical results	
				Tested subject		Collected over 18 months	
	Testing Laboratory	Testing method	(sentinel, colony animal, environmental, etc.)	Date	No. positives/ No. tested	No. positives/ No. tested	Testing frequency
Bacteria & Fungi (continued)							
<i>Klebsiella pneumoniae</i>	CRL	PCR	Environmental	5-Apr-19	0/31	0/61	Yearly
<i>Mycoplasma pulmonis</i> ¹	CRL	PCR	Environmental	5-Apr-19	0/31	0/61	Yearly
<i>Pasteurella pneumotropica</i> ¹	CRL	PCR	Environmental	27-Sep-19	5/6	68/85	Quarterly
<i>Pseudomonas aeruginosa</i>	CRL	PCR	Environmental	5-Apr-19	0/31	0/61	Yearly
<i>Pneumocystis murina</i>	CRL	PCR	Environmental	5-Apr-19	0/31	1/61	Yearly
<i>Salmonella</i> spp. ¹	CRL	PCR	Environmental	5-Apr-19	0/31	0/61	Yearly
<i>Staphylococcus aureus</i>	CRL	PCR	Environmental	5-Apr-19	3/31	9/61	Yearly
<i>Streptobacillus moniliformis</i> ¹	CRL	PCR	Environmental	5-Apr-19	0/31	0/61	Yearly
<i>Streptococcus pneumoniae</i> ¹	CRL	PCR	Environmental	5-Apr-19	0/31	0/61	Yearly

Parasites¹:

Mites

<i>Myobia musculi</i>	CRL	PCR	Environmental	27-Sep-19	0/6	0/85	Quarterly
<i>Myocoptes musculus</i>	CRL	PCR	Environmental	27-Sep-19	0/6	0/85	Quarterly
<i>Radfordia affinis</i>	CRL	PCR	Environmental	27-Sep-19	0/6	0/85	Quarterly

Pinworms

<i>Aspiculuris tetraptera</i>	CRL	PCR	Environmental	27-Sep-19	0/6	0/85	Quarterly
<i>Syphacia oblevata</i>	CRL	PCR	Environmental	27-Sep-19	0/6	0/85	Quarterly

Protozoan

<i>Entamoeba muris</i>	CRL	PCR	Environmental	27-Sep-19	0/6	0/85	Quarterly
<i>Giardia muris</i>	CRL	PCR	Environmental	5-Apr-19	0/31	0/61	Yearly
<i>Spironucleus muris</i> *	CRL	PCR	Environmental	27-Sep-19	0/6	4/85	Quarterly
<i>Tritrichomonas muris</i>				Not tested			

Other parasites

Additional agents for which testing has been performed:

Pathology:

Additional comments:

Helicobacter spp. enzootically present in the colony: *H. bilis*, *H. ganmani*, *H. hepaticus*, *H. mastomyrinus*, *H. typhlonius*. Room 1409 tests positive for *Spironucleus*.

1: The 2014 FELASA recommendations include these agents.