

Health Monitoring Report for Mice

Institution: Harvard University Faculty of Arts and Sciences

Date: 21 December 2016

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 Laboratory	Testing method	Tested subject (sentinel, colony animal, environmental, etc.)	Most recent tests		Historical results	
				Date	No. positives/ No. tested	No. positives/ No. tested	Testing frequency

Viruses :

Ectromelia virus ¹	CRL	PCR	Environmental	21-Jun-16	0/29	0/29	Yearly
Hantaviruses	CRL	PCR	Environmental	21-Jun-16	0/29	0/29	Yearly
K virus				Not tested			
Lactate dehydrogenase elevating virus				Not tested			
Lymphocytic choriomeningitis virus ¹	CRL	PCR	Environmental	21-Jun-16	0/29	0/29	Yearly
Mouse adenovirus (type 1) ¹	CRL	PCR	Environmental	21-Jun-16	0/29	0/29	Yearly
Mouse adenovirus (type 2) ¹	CRL	PCR	Environmental	21-Jun-16	0/29	0/29	Yearly
Mouse cytomegalovirus				Not tested			
Mouse hepatitis virus ¹	CRL	PCR	Environmental	21-Dec-16	0/5	0/137	Quarterly
Mouse norovirus ¹	CRL	PCR	Environmental	21-Dec-16	5/5	99/137	Quarterly
Mouse rotavirus ¹	CRL	PCR	Environmental	21-Dec-16	0/5	0/137	Quarterly
Mouse thymic virus				Not tested			
Parvovirus ¹	CRL	PCR	Environmental	21-Dec-16	0/5	0/137	Quarterly
- NS1				Not tested			
- MPV ¹	CRL	PCR	Environmental	21-Dec-16	0/5	0/137	Quarterly
- MVM ¹	CRL	PCR	Environmental	21-Dec-16	0/5	0/137	Quarterly
Polyoma virus				Not tested			
Pneumonia virus of mice ¹	CRL	PCR	Environmental	21-Jun-16	0/29	0/29	Yearly
Reovirus type 3 ¹	CRL	PCR	Environmental	21-Jun-16	0/29	0/29	Yearly
Sendai virus ¹	CRL	PCR	Environmental	21-Jun-16	0/29	0/29	Yearly
Theiler's murine encephalomyelitis virus ¹	CRL	PCR	Environmental	21-Dec-16	0/5	0/137	Quarterly

Bacteria & fungi:

β-hemolytic <i>Streptococcus</i> spp. (not group D) ¹	CRL	PCR	Environmental	21-Jun-16	0/29	0/29	Yearly
<i>Bordetella bronchiseptica</i>	CRL	PCR	Environmental	21-Jun-16	0/29	0/29	Yearly
<i>Bordetella hinzii</i>	CRL	PCR	Environmental	21-Jun-16	0/29	0/29	Yearly
Cilia-associated respiratory bacillus	CRL	PCR	Environmental	21-Jun-16	0/29	0/29	Yearly
<i>Citrobacter rodentium</i> ¹	CRL	PCR	Environmental	21-Jun-16	0/29	0/29	Yearly
<i>Clostridium piliforme</i> ¹	CRL	PCR	Environmental	21-Jun-16	0/29	0/29	Yearly
<i>Corynebacterium kutscheri</i> ¹	CRL	PCR	Environmental	21-Jun-16	0/29	0/29	Yearly
<i>Helicobacter</i> spp. ¹				Enzootic in colony			
<i>Klebsiella oxytoca</i>	CRL	PCR	Environmental	21-Jun-16	1/29	1/29	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	21-Jun-16	2/29	2/29	Yearly
<i>Mycoplasma pulmonis</i> ¹	CRL	PCR	Environmental	21-Jun-16	0/29	0/29	Yearly
<i>Pasteurella pneumotropica</i> ¹	CRL	PCR	Environmental	21-Dec-16	5/5	120/137	Quarterly
<i>Pseudomonas aeruginosa</i>	CRL	PCR	Environmental	21-Jun-16	1/29	1/29	Yearly
<i>Pneumocystis murina</i>	CRL	PCR	Environmental	21-Jun-16	1/29	1/29	Yearly
<i>Salmonella</i> spp. ¹	CRL	PCR	Environmental	21-Jun-16	0/29	0/29	Yearly
<i>Staphylococcus aureus</i>	CRL	PCR	Environmental	21-Jun-16	0/29	0/29	Yearly
<i>Streptobacillus moniliformis</i> ¹	CRL	PCR	Environmental	21-Jun-16	0/29	0/29	Yearly
<i>Streptococcus pneumoniae</i> ¹	CRL	PCR	Environmental	21-Jun-16	0/29	0/29	Yearly

Parasites¹:

Mites

<i>Myobia musculi</i>	CRL	PCR	Environmental	21-Dec-16	0/5	0/137	Quarterly
<i>Myocoptes musculinus</i>	CRL	PCR	Environmental	21-Dec-16	0/5	0/137	Quarterly
<i>Radfordia affinis</i>	CRL	PCR	Environmental	21-Dec-16	0/5	0/137	Quarterly

Pinworms

<i>Aspicularis tetraptera</i>	CRL	PCR	Environmental	21-Dec-16	0/5	0/137	Quarterly
<i>Syphacia oblevata</i>	CRL	PCR	Environmental	21-Dec-16	0/5	0/137	Quarterly

Protozoan

<i>Entamoeba muris</i>	CRL	PCR	Environmental	21-Dec-16	0/5	8/137	Quarterly
<i>Giardia muris</i>	CRL	PCR	Environmental	21-Jun-16	0/29	0/29	Yearly
<i>Spironucleus muris</i> *	CRL	PCR	Environmental	21-Dec-16	1/5	14/137	Quarterly
<i>Tritrichomonas muris</i>	Not tested						

Other parasites

Additional agents for which testing has been performed:

Pathology:

Additional comments:

In June of 2015, health monitoring switched to environmental monitoring from sentinel monitoring and some frequencies for agent testing were changed. Historical results are presented until they expire. Enzootically present in the colony: *H. bilis*, *H. ganmani*, *H. hepaticus*, *H. mastomyrinus*, *H. typhlonius*. *Two rooms in this pod have tested positive for *Spironucleus muris* by PCR, but not by sentinels. (Room 1409 and 1410.) Rooms 1409 and 1410 were consolidated in June 2015. In October of 2015, only room 1409 had *Spironucleus* positives. In April of 2016, room 1409 tested positive for *Spironucleus*. In September of 2016, 1406 and 1409 tested positive for *Spironucleus*. In December of 2016, room 1409 tested positive for *Spironucleus*.

1: The 2014 FELASA recommendations include these agents.