

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 7: 1702, 1703, 1707, 1708

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			Collected over 18 months	
	Testing Laboratory	Testing method	(sentinel, colony animal, environmental, etc.)	Date	No. positives/ No. tested	No. positives/ No. tested	Testing frequency
Viruses :							
Ectromelia virus ¹	CRL	PCR	Environmental	29-Jun-16	0/15	0/15	Yearly
Hantaviruses	CRL	PCR	Environmental	29-Jun-16	0/15	0/15	Yearly
K virus				Not tested			
Lactate dehydrogenase elevating virus				Not tested			
Lymphocytic choriomeningitis virus ¹	CRL	PCR	Environmental	29-Jun-16	0/15	0/15	Yearly
Mouse adenovirus (type 1) ¹	CRL	PCR	Environmental	29-Jun-16	0/15	0/15	Yearly
Mouse adenovirus (type 2) ¹	CRL	PCR	Environmental	29-Jun-16	0/15	0/15	Yearly
Mouse cytomegalovirus				Not tested			
Mouse hepatitis virus ¹	CRL	PCR	Environmental	21-Dec-16	0/4	0/69	Quarterly
Mouse norovirus ¹	CRL	PCR	Environmental	21-Dec-16	4/4	53/69	Quarterly
Mouse rotavirus ¹	CRL	PCR	Environmental	21-Dec-16	0/4	0/69	Quarterly
Mouse thymic virus				Not tested			
Parvovirus ¹	CRL	PCR	Environmental	21-Dec-16	0/4	0/69	Quarterly
- NS1				Not tested			
- MPV ¹	CRL	PCR	Environmental	21-Dec-16	0/4	0/69	Quarterly
- MVM ¹	CRL	PCR	Environmental	21-Dec-16	0/4	0/69	Quarterly
Polyoma virus				Not tested			
Pneumonia virus of mice ¹	CRL	PCR	Environmental	29-Jun-16	0/15	0/15	Yearly
Reovirus type 3 ¹	CRL	PCR	Environmental	29-Jun-16	0/15	0/15	Yearly
Sendai virus ¹	CRL	PCR	Environmental	29-Jun-16	0/15	0/15	Yearly
Theiler's murine encephalomyelitis virus ¹	CRL	PCR	Environmental	21-Dec-16	0/4	0/69	Quarterly

Bacteria & fungi:

β-hemolytic <i>Streptococcus</i> spp. (not group D) ¹	CRL	PCR	Environmental	29-Jun-16	0/15	0/15	Yearly
<i>Bordetella bronchiseptica</i>	CRL	PCR	Environmental	29-Jun-16	0/15	0/15	Yearly
<i>Bordetella hinzii</i>	CRL	PCR	Environmental	29-Jun-16	0/15	0/15	Yearly
Cilia-associated respiratory bacillus	CRL	PCR	Environmental	29-Jun-16	0/15	0/15	Yearly
<i>Citrobacter rodentium</i> ¹	CRL	PCR	Environmental	29-Jun-16	0/15	0/15	Yearly
<i>Clostridium piliforme</i> ¹	CRL	PCR	Environmental	29-Jun-16	0/15	0/15	Yearly
<i>Corynebacterium kutscheri</i> ¹	CRL	PCR	Environmental	29-Jun-16	0/15	0/15	Yearly
<i>Helicobacter</i> spp. ¹				Enzootic in colony			
<i>Klebsiella oxytoca</i>	CRL	PCR	Environmental	29-Jun-16	2/15	2/15	Yearly

1: The 2014 FELASA recommendations include these agents.

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Testing Results (continued):				Most recent tests		Historical results	
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Bacteria (continued)							
Klebsiella pneumoniae	CRL	PCR	Environmental	29-Jun-16	0/15	0/15	Yearly
Mycoplasma pulmonis ¹	CRL	PCR	Environmental	29-Jun-16	0/15	0/15	Yearly
Pasteurella pneumotropica ¹	CRL	PCR	Environmental	21-Dec-16	4/4	59/69	Quarterly
Pseudomonas aeruginosa	CRL	PCR	Environmental	29-Jun-16	0/15	0/15	Yearly
Pneumocystis murina	CRL	PCR	Environmental	29-Jun-16	0/15	0/15	Yearly
Salmonella spp. ¹	CRL	PCR	Environmental	29-Jun-16	0/15	0/15	Yearly
Staphylococcus aureus	CRL	PCR	Environmental	29-Jun-16	4/15	4/15	Yearly
Streptobacillus moniliformis ¹	CRL	PCR	Environmental	29-Jun-16	0/15	0/15	Yearly
Streptococcus pneumoniae ¹	CRL	PCR	Environmental	29-Jun-16	0/15	0/15	Yearly
Parasites ¹ :							
Mites							
Myobia musculi	CRL	PCR	Environmental	21-Dec-16	0/4	0/69	Quarterly
Myocoptes musculinus	CRL	PCR	Environmental	21-Dec-16	0/4	0/69	Quarterly
Radfordia affinis	CRL	PCR	Environmental	21-Dec-16	0/4	0/69	Quarterly
Pinworms							
Aspicularis tetraptera	CRL	PCR	Environmental	21-Dec-16	0/4	0/69	Quarterly
Syphacia oblevata	CRL	PCR	Environmental	21-Dec-16	0/4	0/69	Quarterly
Protozoan							
Entamoeba muris	CRL	PCR	Environmental	21-Dec-16	1/4	10/69	Quarterly
Giardia muris	CRL	PCR	Environmental	29-Jun-16	0/15	0/23	Yearly
Spironucleus muris	CRL	PCR	Environmental	21-Dec-16	0/4	1/69	Quarterly
Tritrichomonas muris				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*.

1: The 2014 FELASA recommendations include these agents.