

Health Monitoring Report for Mice

Institution: Harvard University Faculty of Arts and Sciences

Date: 29 June 2016

Microbiological Entity/Unit

Building: BRI

Room(s): POD 7: 1702, 1703, 1707, 1708

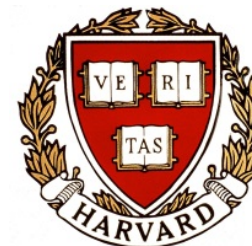
Entity/Unit type (mark the correct type) :

Conventional

☒ Barrier

Isolator

Other



Contact person (name, e-mail, phone)

Dr. Kathleen Pritchett-Corning, pritchettcorning@fas.harvard.edu, +1 617 384 6642

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	29-Jun-16	0/15	0/52	Yearly
Hantaviruses	CRL	PCR	Environmental	29-Jun-16	0/15	0/30	Yearly
K virus	CRL	MFIA	Sentinel	29-Jun-16	/	0/22	(not tested further)
Lactate dehydrogenase elevating virus				Not tested			
Lymphocytic choriomeningitis virus ¹	CRL	PCR	Environmental	29-Jun-16	0/15	0/52	Yearly
Mouse adenovirus (type 1) ¹	CRL	PCR	Environmental	29-Jun-16	0/15	0/52	Yearly
Mouse adenovirus (type 2) ¹	CRL	PCR	Environmental	29-Jun-16	0/15	0/52	Yearly
Mouse cytomegalovirus				Not tested			
Mouse hepatitis virus ¹	CRL	PCR	Environmental	29-Jun-16	0/15	0/98	Quarterly
Mouse norovirus ¹	CRL	PCR	Environmental	29-Jun-16	11/15	72/98	Quarterly
Mouse rotavirus ¹	CRL	PCR	Environmental	29-Jun-16	0/15	0/98	Quarterly
Mouse thymic virus				Not tested			
Parvovirus ¹	CRL	PCR	Environmental	29-Jun-16	0/15	0/98	Quarterly
- NS1	CRL	MFIA	Sentinel	29-Jun-16	/	0/22	(not tested further)
- MPV ¹	CRL	PCR	Environmental	29-Jun-16	0/15	0/98	Quarterly
- MVM ¹	CRL	PCR	Environmental	29-Jun-16	0/15	0/98	Quarterly
Polyoma virus	CRL	MFIA	Sentinel	29-Jun-16	/	0/22	
Pneumonia virus of mice ¹	CRL	PCR	Environmental	29-Jun-16	0/15	0/52	Yearly
Reovirus type 3 ¹	CRL	PCR	Environmental	29-Jun-16	0/15	0/52	Yearly
Sendai virus ¹	CRL	PCR	Environmental	29-Jun-16	0/15	0/52	Yearly
Theiler's murine encephalomyelitis virus ¹	CRL	PCR	Environmental	29-Jun-16	0/15	0/98	Quarterly

Bacteria & fungi:

β -hemolytic <i>Streptococcus</i> spp. (not group D) ¹	CRL	PCR	Environmental	29-Jun-16	0/15	2/52	Yearly
<i>Bordetella bronchiseptica</i>	CRL	PCR	Environmental	29-Jun-16	0/15	0/52	Yearly
<i>Bordetella hinzii</i>	CRL	PCR	Environmental	29-Jun-16	0/15	0/52	Yearly
Cilia-associated respiratory bacillus	CRL	PCR	Environmental	29-Jun-16	0/15	0/52	Yearly
<i>Citrobacter rodentium</i> ¹	CRL	PCR	Environmental	29-Jun-16	0/15	0/52	Yearly
<i>Clostridium piliforme</i> ¹	CRL	PCR	Environmental	29-Jun-16	0/15	0/52	Yearly
<i>Corynebacterium kutscheri</i> ¹	CRL	PCR	Environmental	29-Jun-16	0/15	0/52	Yearly
<i>Helicobacter</i> spp. ¹				Enzootic in colony			
<i>Klebsiella oxytoca</i>	CRL	PCR	Environmental	29-Jun-16	2/15	5/52	Yearly

1: The 2014 FELASA recommendations include these agents.

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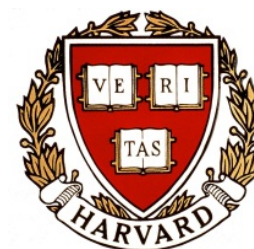
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Testing Results (continued):

Testing Results (continued):				Most recent tests		Historical results	
				Tested subject		Collected over 18 months	
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Bacteria (continued)

<i>Klebsiella pneumoniae</i>	CRL	PCR	Environmental	29-Jun-16	0/15	2/52	Yearly
<i>Mycoplasma pulmonis</i> ¹	CRL	PCR	Environmental	29-Jun-16	0/15	0/52	Yearly
<i>Pasteurella pneumotropica</i> ¹	CRL	PCR	Environmental	29-Jun-16	11/15	63/98	Quarterly
<i>Pseudomonas aeruginosa</i>	CRL	PCR	Environmental	29-Jun-16	0/15	0/52	Yearly
<i>Pneumocystis murina</i>	CRL	PCR	Environmental	29-Jun-16	0/15	0/30	Yearly
<i>Salmonella</i> spp. ¹	CRL	PCR	Environmental	29-Jun-16	0/15	0/52	Yearly
<i>Staphylococcus aureus</i>	CRL	PCR	Environmental	29-Jun-16	4/15	6/52	Yearly
<i>Streptobacillus moniliformis</i> ¹	CRL	PCR	Environmental	29-Jun-16	0/15	0/30	Yearly
<i>Streptococcus pneumoniae</i> ¹	CRL	PCR	Environmental	29-Jun-16	0/15	0/52	Yearly

Parasites¹:

Mites

<i>Myobia musculi</i>	CRL	PCR	Environmental	29-Jun-16	0/15	0/98	Quarterly
<i>Myocoptes musculinus</i>	CRL	PCR	Environmental	29-Jun-16	0/15	0/98	Quarterly
<i>Radfordia affinis</i>	CRL	PCR	Environmental	29-Jun-16	0/15	0/98	Quarterly

Pinworms

<i>Aspiculuris tetraptera</i>	CRL	PCR	Environmental	29-Jun-16	0/15	0/98	Quarterly
<i>Syphacia oblevata</i>	CRL	PCR	Environmental	29-Jun-16	0/15	0/98	Quarterly

Protozoan

<i>Entamoeba muris</i>	CRL	PCR	Environmental	29-Jun-16	2/15	16/98	Quarterly
<i>Giardia muris</i>	CRL	PCR	Environmental	29-Jun-16	0/15	0/52	Yearly
<i>Spironucleus muris</i>	CRL	PCR	Environmental	29-Jun-16	1/15	1/98	Quarterly
<i>Tritrichomonas muris</i>	CRL	Direct	Sentinel	29-Jun-16	/	0/22	(not tested further)

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*. One rack in 1703 has tested positive for *Spironucleus muris* as of June 2016.

1: The 2014 FELASA recommendations include these agents.