

Health Monitoring Report for Mice

Institution: Harvard University Faculty of Arts and Sciences

Date: 15 October 2015

Microbiological Entity/Unit

Building: BRI

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

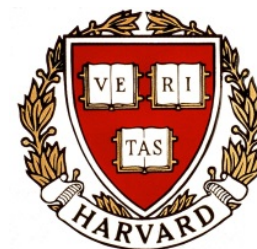
Entity/Unit type (mark the correct type) :

Conventional

Barrier

Isolator

Other



Contact person (name, e-mail, phone)

Dr. Kathleen Pritchett-Corning, pritchettcorning@fas.harvard.edu, +1 617 384 9563

Testing Results:

Testing Results:				Most recent tests		Historical results	
				Tested subject (sentinel, colony animal, environmental, etc.)	Date	No. positives/ No. tested	Collected over 18 months
Testing Laboratory	Testing method	No. positives/ No. tested	Testing frequency				
Viruses :							
Ectromelia virus ¹	CRL	PCR	Environmental	30-Jun-15	0/25	0/113	Yearly
Hantaviruses	CRL	PCR	Environmental	30-Jun-15	0/25	0/25	Yearly
K virus	CRL	MFIA	Sentinel	25-Mar-15	0/29	0/88	(not testing further)
Lactate dehydrogenase elevating virus				Not tested			
Lymphocytic choriomeningitis virus ¹	CRL	PCR	Environmental	30-Jun-15	0/25	0/113	Yearly
Mouse adenovirus (type 1) ¹	CRL	PCR	Environmental	30-Jun-15	0/25	0/113	Yearly
Mouse adenovirus (type 2) ¹	CRL	PCR	Environmental	30-Jun-15	0/25	0/113	Yearly
Mouse cytomegalovirus				Not tested			
Mouse hepatitis virus ¹	CRL	PCR	Environmental	8-Oct-15	0/30	0/174	Quarterly
Mouse norovirus ¹	CRL	PCR	Environmental	8-Oct-15	19/30	101/174	Quarterly
Mouse rotavirus ¹	CRL	PCR	Environmental	8-Oct-15	0/30	0/174	Quarterly
Mouse thymic virus				Not tested			
Parvovirus ¹	CRL	PCR	Environmental	8-Oct-15	0/30	0/174	Quarterly
- NS1	CRL	MFIA	Sentinel	25-Mar-15	0/29	0/119	(not testing further)
- MPV ¹	CRL	PCR	Environmental	8-Oct-15	0/30	0/174	Quarterly
- MVM ¹	CRL	PCR	Environmental	8-Oct-15	0/30	0/143	Quarterly
Polyoma virus	CRL	MFIA	Sentinel	25-Mar-15	0/29	0/88	(not testing further)
Pneumonia virus of mice ¹	CRL	PCR	Environmental	30-Jun-15	0/25	0/113	Yearly
Reovirus type 3 ¹	CRL	PCR	Environmental	30-Jun-15	0/25	0/113	Yearly
Sendai virus ¹	CRL	PCR	Environmental	30-Jun-15	0/25	0/113	Yearly
Theiler's murine encephalomyelitis virus ¹	CRL	PCR	Environmental	8-Oct-15	0/30	0/174	Quarterly

Bacteria & fungi:

β-hemolytic <i>Streptococcus</i> spp. (not group D) ¹	CRL	PCR	Environmental	30-Jun-15	0/25	0/144	Yearly
<i>Bordetella bronchiseptica</i>	CRL	PCR	Environmental	30-Jun-15	0/25	0/144	Yearly
<i>Bordetella hinzii</i>	CRL	PCR	Environmental	30-Jun-15	0/25	0/144	Yearly
Cilia-associated respiratory bacillus	CRL	PCR	Environmental	30-Jun-15	0/25	0/144	Yearly
<i>Citrobacter rodentium</i> ¹	CRL	PCR	Environmental	30-Jun-15	0/25	0/144	Yearly
<i>Clostridium piliforme</i> ¹	CRL	PCR	Environmental	30-Jun-15	0/25	0/144	Yearly
<i>Corynebacterium kutscheri</i> ¹	CRL	PCR	Environmental	30-Jun-15	0/25	0/144	Yearly
<i>Helicobacter</i> spp. ¹				Enzootic in colony			
<i>Klebsiella oxytoca</i>	CRL	PCR	Environmental	30-Jun-15	0/25	0/144	Yearly

1: The 2014 FELASA recommendations include these agents.

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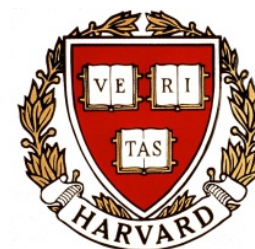
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Testing Results (continued):

				Most recent tests		Historical results	
				Date	No. positives/ No. tested	Collected over 18 months	
			Tested subject (sentinel, colony animal, environmental, etc.)			No. positives/ No. tested	Testing frequency
Testing Laboratory	Testing method						
Bacteria & Fungi (continued)							
	CRL	PCR	Environmental	30-Jun-15	1/25	1/144	Yearly
<i>Klebsiella pneumoniae</i>							
	CRL	PCR	Environmental	30-Jun-15	0/25	0/144	Yearly
<i>Mycoplasma pulmonis</i> ¹							
	CRL	PCR	Environmental	8-Oct-15	20/25	46/174	Quarterly
<i>Pasteurella pneumotropica</i> ¹							
	CRL	PCR	Environmental	30-Jun-15	0/25	0/144	Yearly
<i>Pseudomonas aeruginosa</i>							
	CRL	PCR	Environmental	30-Jun-15	1/25	1/25	Yearly
<i>Pneumocystis murina</i>							
	CRL	PCR	Environmental	30-Jun-15	0/25	0/144	Yearly
<i>Salmonella</i> spp. ¹							
	CRL	PCR	Environmental	30-Jun-15	0/25	5/144	Yearly
<i>Staphylococcus aureus</i>							
	CRL	PCR	Environmental	30-Jun-15	0/25	0/25	Yearly
<i>Streptobacillus moniliformis</i> ¹							
	CRL	PCR	Environmental	30-Jun-15	0/25	0/144	Yearly
<i>Streptococcus pneumoniae</i> ¹							
Parasites¹:							
Mites							
	CRL	PCR	Environmental	8-Oct-15	0/30	0/174	Quarterly
<i>Myobia musculi</i>							
	CRL	PCR	Environmental	8-Oct-15	0/30	0/174	Quarterly
<i>Myocoptes musculus</i>							
	CRL	PCR	Environmental	8-Oct-15	0/30	0/174	Quarterly
<i>Radfordia affinis</i>							
Pinworms							
	CRL	PCR	Environmental	8-Oct-15	0/30	0/174	Quarterly
<i>Aspiculuris tetraptera</i>							
	CRL	PCR	Environmental	8-Oct-15	0/30	0/174	Quarterly
<i>Syphacia oblevata</i>							
Protozoan							
	CRL	PCR	Environmental	8-Oct-15	6/30	10/174	Quarterly
<i>Entamoeba muris</i>							
	CRL	PCR	Environmental	30-Jun-15	0/29	0/119	Yearly
<i>Giardia muris</i>							
	CRL	PCR	Environmental	8-Oct-15	4/30	5/174	Quarterly
<i>Spironucleus muris</i> *							
	CRL	Sentinel	Direct	25-Mar-15	0/29	0/119	(not testing further)
<i>Trichomonas muris</i>							
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.

1: The 2014 FELASA recommendations include these agents.

