

Health Monitoring Report for Mice

Institution: Harvard University Faculty of Arts and Sciences

Date: 7 April 2016

Microbiological Entity/Unit

Building: BRI

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

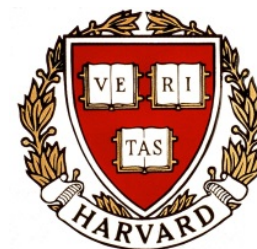
Entity/Unit type (mark the correct type) :

Conventional

Barrier

Isolator

Other



Contact person (name, e-mail, phone)

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Testing Results:

Testing Results:				Most recent tests		Historical results	
				Testing Laboratory	Testing method	Tested subject (sentinel, colony animal, environmental, etc.)	Date
No. positives/ No. tested	Testing frequency						
Viruses :							
Ectromelia virus ¹	CRL	PCR	Environmental	30-Jun-15	0/25	0/83	Yearly
Hantaviruses	CRL	PCR	Environmental	30-Jun-15	0/25	0/25	Yearly
K virus	CRL	MFIA	Sentinel	25-Mar-15	0/29	0/58	(not testing further)
Lactate dehydrogenase elevating virus				Not tested			
Lymphocytic choriomeningitis virus ¹	CRL	PCR	Environmental	30-Jun-15	0/25	0/83	Yearly
Mouse adenovirus (type 1) ¹	CRL	PCR	Environmental	30-Jun-15	0/25	0/83	Yearly
Mouse adenovirus (type 2) ¹	CRL	PCR	Environmental	30-Jun-15	0/25	0/83	Yearly
Mouse cytomegalovirus				Not tested			
Mouse hepatitis virus ¹	CRL	PCR	Environmental	7-Apr-16	0/35	0/181	Quarterly
Mouse norovirus ¹	CRL	PCR	Environmental	7-Apr-16	35/35	123/181	Quarterly
Mouse rotavirus ¹	CRL	PCR	Environmental	7-Apr-16	0/35	0/181	Quarterly
Mouse thymic virus				Not tested			
Parvovirus ¹	CRL	PCR	Environmental	7-Apr-16	0/35	0/181	Quarterly
- NS1	CRL	MFIA	Sentinel	25-Mar-15	0/29	0/58	(not testing further)
- MPV ¹	CRL	PCR	Environmental	7-Apr-16	0/35	0/181	Quarterly
- MVM ¹	CRL	PCR	Environmental	7-Apr-16	0/35	0/181	Quarterly
Polyoma virus	CRL	MFIA	Sentinel	25-Mar-15	0/29	0/58	(not testing further)
Pneumonia virus of mice ¹	CRL	PCR	Environmental	30-Jun-15	0/25	0/83	Yearly
Reovirus type 3 ¹	CRL	PCR	Environmental	30-Jun-15	0/25	0/83	Yearly
Sendai virus ¹	CRL	PCR	Environmental	30-Jun-15	0/25	0/83	Yearly
Theiler's murine encephalomyelitis virus ¹	CRL	PCR	Environmental	7-Apr-16	0/35	0/181	Quarterly

Bacteria & fungi:

β-hemolytic <i>Streptococcus</i> spp. (not group D) ¹	CRL	PCR	Environmental	30-Jun-15	0/25	0/83	Yearly
<i>Bordetella bronchiseptica</i>	CRL	PCR	Environmental	30-Jun-15	0/25	0/83	Yearly
<i>Bordetella hinzii</i>	CRL	PCR	Environmental	30-Jun-15	0/25	0/83	Yearly
Cilia-associated respiratory bacillus	CRL	PCR	Environmental	30-Jun-15	0/25	0/83	Yearly
<i>Citrobacter rodentium</i> ¹	CRL	PCR	Environmental	30-Jun-15	0/25	0/83	Yearly
<i>Clostridium piliforme</i> ¹	CRL	PCR	Environmental	30-Jun-15	0/25	0/83	Yearly
<i>Corynebacterium kutscheri</i> ¹	CRL	PCR	Environmental	30-Jun-15	0/25	0/83	Yearly
<i>Helicobacter</i> spp. ¹				Enzootic in colony			
<i>Klebsiella oxytoca</i>	CRL	PCR	Environmental	30-Jun-15	0/25	0/83	Yearly

1: The 2014 FELASA recommendations include these agents.

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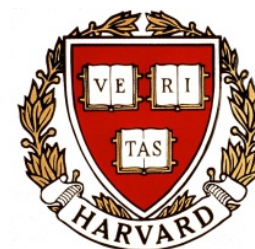
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Testing Results (continued):

Testing Results (continued):				Most recent tests		Historical results	
				Tested subject		Collected over 18 months	
	Testing Laboratory	Testing method	(sentinel, colony animal, environmental, etc.)	Date	No. positives/ No. tested	No. positives/ No. tested	Testing frequency
Bacteria & Fungi (continued)							
Klebsiella pneumoniae	CRL	PCR	Environmental	30-Jun-15	1/25	1/83	Yearly
Mycoplasma pulmonis ¹	CRL	PCR	Environmental	30-Jun-15	0/25	0/83	Yearly
Pasteurella pneumotropica ¹	CRL	PCR	Environmental	7-Apr-16	35/35	109/181	Quarterly
Pseudomonas aeruginosa	CRL	PCR	Environmental	30-Jun-15	0/25	0/83	Yearly
Pneumocystis murina	CRL	PCR	Environmental	30-Jun-15	1/25	1/25	Yearly
Salmonella spp. ¹	CRL	PCR	Environmental	30-Jun-15	0/25	0/83	Yearly
Staphylococcus aureus	CRL	PCR	Environmental	30-Jun-15	0/25	2/83	Yearly
Streptobacillus moniliformis ¹	CRL	PCR	Environmental	30-Jun-15	0/25	0/25	Yearly
Streptococcus pneumoniae ¹	CRL	PCR	Environmental	30-Jun-15	0/25	0/83	Yearly

Parasites¹:

Mites

<i>Myobia musculi</i>	CRL	PCR	Environmental	7-Apr-16	0/35	0/181	Quarterly
<i>Myocoptes musculinus</i>	CRL	PCR	Environmental	7-Apr-16	0/35	0/181	Quarterly
<i>Radfordia affinis</i>	CRL	PCR	Environmental	7-Apr-16	0/35	0/181	Quarterly

Pinworms

<i>Aspiculuris tetraptera</i>	CRL	PCR	Environmental	7-Apr-16	0/35	0/181	Quarterly
<i>Syphacia oblevata</i>	CRL	PCR	Environmental	7-Apr-16	0/35	0/181	Quarterly

Protozoan

<i>Entamoeba muris</i>	CRL	PCR	Environmental	7-Apr-16	0/35	11/181	Quarterly
<i>Giardia muris</i>	CRL	PCR	Environmental	30-Jun-15	0/29	0/58	Yearly
<i>Spironucleus muris</i> *	CRL	PCR	Environmental	7-Apr-16	7/35	12/181	Quarterly
<i>Trichomonas muris</i>	CRL	Sentinel	Direct	25-Mar-15	0/29	0/58	(not testing 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*. *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*.

1: The 2014 FELASA recommendations include these agents.

