

Health Monitoring Report for Mice

Institution: Harvard University Faculty of Arts and Sciences

Date:

Microbiological Entity/Unit

Building: BRI

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

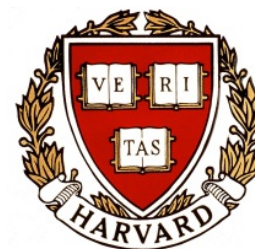
Entity/Unit type (mark the correct type) :

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	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	/	0/88	
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	30-Jun-15	0/25	0/169	Quarterly
Mouse norovirus ¹	CRL	PCR	Environmental	30-Jun-15	8/25	99/169	Quarterly
Mouse rotavirus ¹	CRL	PCR	Environmental	30-Jun-15	0/25	0/169	Quarterly
Mouse thymic virus				Not tested			
Parvovirus ¹	CRL	PCR	Environmental	30-Jun-15	0/25	0/169	Quarterly
- NS1	CRL	MFIA	Sentinel	25-Mar-15	/	0/144	
- MPV ¹	CRL	PCR	Environmental	30-Jun-15	0/25	0/169	Quarterly
- MVM ¹	CRL	PCR	Environmental	30-Jun-15	0/25	0/113	Quarterly
Polyoma virus	CRL	MFIA	Sentinel	25-Mar-15	/	0/88	
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	Quarterly
Theiler's murine encephalomyelitis virus ¹	CRL	PCR	Environmental	30-Jun-15	0/25	0/169	Quarterly

Bacteria & fungi:

β-hemolytic <i>Streptococcus</i> spp. (not group D) ¹	CRL	PCR	Environmental	30-Jun-15	0/25	0/169	Yearly
<i>Bordetella bronchiseptica</i>	CRL	PCR	Environmental	30-Jun-15	0/25	0/169	Yearly
<i>Bordetella hinzii</i>	CRL	PCR	Environmental	30-Jun-15	0/25	0/169	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	0/169	Yearly
<i>Clostridium piliforme</i> ¹	CRL	PCR	Environmental	30-Jun-15	0/25	0/169	Yearly
<i>Corynebacterium kutscheri</i> ¹	CRL	PCR	Environmental	30-Jun-15	0/25	0/169	Yearly
<i>Helicobacter</i> spp. ¹	Enzootic in colony						
<i>Klebsiella oxytoca</i>	CRL	PCR	Environmental	30-Jun-15	0/25	0/169	Yearly

1: The 2014 FELASA recommendations include these agents.

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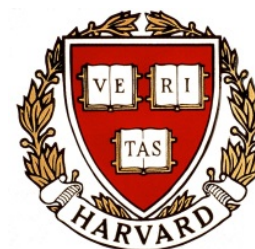
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Testing Results (continued):

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	1/169	Yearly
Mycoplasma pulmonis ¹	CRL	PCR	Environmental	30-Jun-15	0/25	0/144	Yearly
Pasteurella pneumotropica ¹	CRL	PCR	Environmental	30-Jun-15	20/25	21/169	Quarterly
Pseudomonas aeruginosa	CRL	PCR	Environmental	30-Jun-15	0/25	0/169	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	0/169	Yearly
Staphylococcus aureus	CRL	PCR	Environmental	30-Jun-15	0/25	5/169	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	0/169	Yearly

Parasites¹:

Mites

<i>Myobia musculi</i>	CRL	PCR	Environmental	30-Jun-15	0/25	0/169	Quarterly
<i>Myocoptes musculus</i>	CRL	PCR	Environmental	30-Jun-15	0/25	0/169	Quarterly
<i>Radfordia affinis</i>	CRL	PCR	Environmental	30-Jun-15	0/25	0/169	Quarterly

Pinworms

<i>Aspiculuris tetraptera</i>	CRL	PCR	Environmental	30-Jun-15	0/25	0/169	Quarterly
<i>Syphacia oblevata</i>	CRL	PCR	Environmental	30-Jun-15	0/25	0/169	Quarterly

Protozoan

<i>Entamoeba muris</i>	CRL	PCR	Environmental	30-Jun-15	1/25	4/169	Quarterly
<i>Giardia muris</i>	CRL	PCR	Environmental	30-Jun-15	0/25	0/169	Quarterly
<i>Spironucleus muris</i> *	CRL	PCR	Environmental	30-Jun-15	1/25	1/169	Quarterly
<i>Trichomonas muris</i>	CRL	Sentinel	Direct	25-Mar-15	/	0/144	Quarterly

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. 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.

1: The 2014 FELASA recommendations include these agents.