

Health Monitoring Report for Mice

Institution: Harvard University Faculty of Arts and Sciences

Date: 23 December 2015

Microbiological Entity/Unit

Building: BRI

Room(s): POD 3, 1303, 1305, 1306, 1309

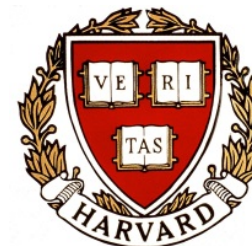
Entity/Unit type (mark the correct type) :

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 (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	0/22	0/79	Yearly
Hantaviruses	CRL	PCR	Environmental	30-Jun-15	0/22	0/22	Yearly
K virus	CRL	MFIA	Sentinel	25-Mar-15	0/27	0/57	(not testing further)
Lactate dehydrogenase elevating virus				Not tested			
Lymphocytic choriomeningitis virus ¹	CRL	PCR	Environmental	30-Jun-15	0/22	0/79	Yearly
Mouse adenovirus (type 1) ¹	CRL	PCR	Environmental	30-Jun-15	0/22	0/79	Yearly
Mouse adenovirus (type 2) ¹	CRL	PCR	Environmental	30-Jun-15	0/22	0/79	Yearly
Mouse cytomegalovirus				Not tested			
Mouse hepatitis virus ¹	CRL	PCR	Environmental	23-Dec-15	0/19	0/149	Quarterly
Mouse norovirus ¹	CRL	PCR	Environmental	23-Dec-15	12/19	82/149	Quarterly
Mouse rotavirus ¹	CRL	PCR	Environmental	23-Dec-15	0/19	0/149	Quarterly
Mouse thymic virus				Not tested			
Parvovirus ¹	CRL	PCR	Environmental	23-Dec-15	0/19	0/149	Quarterly
- NS1	CRL	MFIA	Sentinel	25-Mar-15	0/27	0/87	(not testing further)
- MPV ¹	CRL	PCR	Environmental	23-Dec-15	0/19	0/149	Quarterly
- MVM ¹	CRL	PCR	Environmental	23-Dec-15	0/19	0/149	Quarterly
Polyoma virus	CRL	MFIA	Sentinel	25-Mar-15	0/27	0/57	(not testing further)
Pneumonia virus of mice ¹	CRL	PCR	Environmental	30-Jun-15	0/22	0/79	Yearly
Reovirus type 3 ¹	CRL	PCR	Environmental	30-Jun-15	0/22	0/79	Yearly
Sendai virus ¹	CRL	PCR	Environmental	30-Jun-15	0/22	0/79	Yearly
Theiler's murine encephalomyelitis virus ¹	CRL	PCR	Environmental	23-Dec-15	0/19	0/149	Quarterly

Bacteria & fungi:

β -hemolytic <i>Streptococcus</i> spp. (not group D) ¹	CRL	PCR	Environmental	30-Jun-15	0/22	0/109	Yearly
<i>Bordetella bronchiseptica</i>	CRL	PCR	Environmental	30-Jun-15	0/22	0/109	Yearly
<i>Bordetella hinzii</i>	CRL	PCR	Environmental	30-Jun-15	0/22	0/109	Yearly
Cilia-associated respiratory bacillus	CRL	PCR	Environmental	30-Jun-15	0/22	0/109	Yearly
<i>Citrobacter rodentium</i> ¹	CRL	PCR	Environmental	30-Jun-15	0/22	0/109	Yearly
<i>Clostridium piliforme</i> ¹	CRL	PCR	Environmental	30-Jun-15	0/22	0/109	Yearly
<i>Corynebacterium kutscheri</i> ¹	CRL	PCR	Environmental	30-Jun-15	0/22	0/109	Yearly
<i>Helicobacter</i> spp. ¹				Enzootic in colony			
<i>Klebsiella oxytoca</i>	CRL	PCR	Environmental	30-Jun-15	0/22	0/109	Yearly

1: The 2014 FELASA recommendations include these agents.

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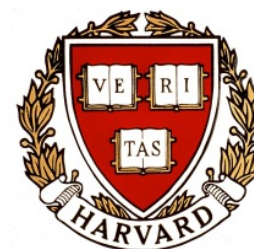
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Testing Results (continued):

Testing Results (continued):				Most recent tests		Historical results			
				Tested subject (sentinel, colony animal, environmental, etc.)		Collected over 18 months			
						Testing Laboratory	Testing method	No. positives/ No. tested	No. positives/ No. tested
								Date	Testing frequency
Bacteria & Fungi (continued)									
<i>Klebsiella pneumoniae</i>	CRL	PCR	Environmental	30-Jun-15	0/22	0/109	Yearly		
<i>Mycoplasma pulmonis</i> ¹	CRL	PCR	Environmental	30-Jun-15	0/22	0/109	Yearly		
<i>Pasteurella pneumotropica</i> ¹	CRL	PCR	Environmental	23-Dec-15	13/19	43/149	Quarterly		
<i>Pseudomonas aeruginosa</i>	CRL	PCR	Environmental	30-Jun-15	0/22	0/109	Yearly		
<i>Pneumocystis murina</i>	CRL	PCR	Environmental	30-Jun-15	0/22	0/22	Yearly		
<i>Salmonella</i> spp. ¹	CRL	PCR	Environmental	30-Jun-15	0/22	0/109	Yearly		
<i>Staphylococcus aureus</i>	CRL	PCR	Environmental	30-Jun-15	0/22	5/109	Yearly		
<i>Streptobacillus moniliformis</i> ¹	CRL	PCR	Environmental	30-Jun-15	0/22	0/22	Yearly		
<i>Streptococcus pneumoniae</i> ¹	CRL	PCR	Environmental	30-Jun-15	0/22	0/109	Yearly		

Parasites¹:

Mites

	CRL	PCR	Environmental	23-Dec-15	0/19	0/149	Quarterly
<i>Myobia musculi</i>							
	CRL	PCR	Environmental	23-Dec-15	0/19	0/149	Quarterly
<i>Myocoptes musculinus</i>							
	CRL	PCR	Environmental	23-Dec-15	0/19	0/149	Quarterly
<i>Radfordia affinis</i>							

Pinworms

	CRL	PCR	Environmental	23-Dec-15	0/19	0/149	Quarterly
<i>Aspicularis tetraptera</i>							
	CRL	PCR	Environmental	23-Dec-15	0/19	0/149	Quarterly
<i>Syphacia oblevata</i>							

Protozoan

	CRL	PCR	Environmental	23-Dec-15	2/19	15/149	Quarterly
<i>Entamoeba muris</i>							
	CRL	PCR	Environmental	30-Jun-15	0/22	0/109	Yearly
<i>Giardia muris</i>							
	CRL	PCR	Environmental	23-Dec-15	0/19	0/149	Quarterly
<i>Spironucleus muris</i>							
	CRL	Direct	Sentinel	25-Mar-15	0/27	0/87	(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*.

1: The 2014 FELASA recommendations include these agents.