

Health Monitoring Report for Mice

Institution: Harvard University Faculty of Arts and Sciences

Date: 18 Jun 2016

Microbiological Entity/Unit

Building: BRI

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

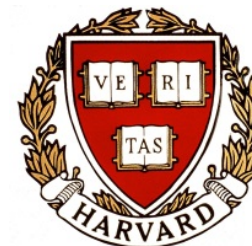
Entity/Unit type (mark the correct type) :

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.)		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	30-Jun-15	0/22	0/71	Yearly
Hantaviruses	CRL	PCR	Environmental	30-Jun-15	0/22	0/44	Yearly
K virus	CRL	MFIA	Sentinel	25-Mar-15	/	0/27	(not testing further)
Lactate dehydrogenase elevating virus				Not tested			
Lymphocytic choriomeningitis virus ¹	CRL	PCR	Environmental	30-Jun-15	0/22	0/71	Yearly
Mouse adenovirus (type 1) ¹	CRL	PCR	Environmental	30-Jun-15	0/22	0/71	Yearly
Mouse adenovirus (type 2) ¹	CRL	PCR	Environmental	30-Jun-15	0/22	0/71	Yearly
Mouse cytomegalovirus				Not tested			
Mouse hepatitis virus ¹	CRL	PCR	Environmental	4-Apr-16	0/22	0/133	Quarterly
Mouse norovirus ¹	CRL	PCR	Environmental	4-Apr-16	11/22	82/133	Quarterly
Mouse rotavirus ¹	CRL	PCR	Environmental	4-Apr-16	0/22	0/133	Quarterly
Mouse thymic virus				Not tested			
Parvovirus ¹	CRL	PCR	Environmental	4-Apr-16	0/22	0/133	Quarterly
- NS1	CRL	MFIA	Sentinel	25-Mar-15	/	0/27	(not testing further)
- MPV ¹	CRL	PCR	Environmental	4-Apr-16	0/22	0/133	Quarterly
- MVM ¹	CRL	PCR	Environmental	4-Apr-16	0/22	0/133	Quarterly
Polyoma virus	CRL	MFIA	Sentinel	25-Mar-15	/	0/27	(not testing further)
Pneumonia virus of mice ¹	CRL	PCR	Environmental	30-Jun-15	0/22	0/71	Yearly
Reovirus type 3 ¹	CRL	PCR	Environmental	30-Jun-15	0/22	0/71	Yearly
Sendai virus ¹	CRL	PCR	Environmental	30-Jun-15	0/22	0/71	Yearly
Theiler's murine encephalomyelitis virus ¹	CRL	PCR	Environmental	4-Apr-16	0/22	0/133	Quarterly

Bacteria & fungi:

β -hemolytic <i>Streptococcus</i> spp. (not group D) ¹	CRL	PCR	Environmental	30-Jun-15	0/22	0/71	Yearly
<i>Bordetella bronchiseptica</i>	CRL	PCR	Environmental	30-Jun-15	0/22	0/71	Yearly
<i>Bordetella hinzii</i>	CRL	PCR	Environmental	30-Jun-15	0/22	0/71	Yearly
Cilia-associated respiratory bacillus	CRL	PCR	Environmental	30-Jun-15	0/22	0/71	Yearly
<i>Citrobacter rodentium</i> ¹	CRL	PCR	Environmental	30-Jun-15	0/22	0/71	Yearly
<i>Clostridium piliforme</i> ¹	CRL	PCR	Environmental	30-Jun-15	0/22	0/71	Yearly
<i>Corynebacterium kutscheri</i> ¹	CRL	PCR	Environmental	30-Jun-15	0/22	0/71	Yearly
<i>Helicobacter</i> spp. ¹				Enzootic in colony			
<i>Klebsiella oxytoca</i>	CRL	PCR	Environmental	30-Jun-15	0/22	0/71	Yearly

1: The 2014 FELASA recommendations include these agents.

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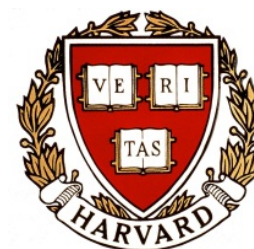
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Testing Results (continued):

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	Testing frequency
								Date	No. tested	
Bacteria & Fungi (continued)										
Klebsiella pneumoniae	CRL	PCR	Environmental	30-Jun-15	0/22	0/71	Yearly			
Mycoplasma pulmonis ¹	CRL	PCR	Environmental	30-Jun-15	0/22	0/71	Yearly			
Pasteurella pneumotropica ¹	CRL	PCR	Environmental	4-Apr-16	16/22	81/133	Quarterly			
Pseudomonas aeruginosa	CRL	PCR	Environmental	30-Jun-15	0/22	0/71	Yearly			
Pneumocystis murina	CRL	PCR	Environmental	30-Jun-15	0/22	0/44	Yearly			
Salmonella spp. ¹	CRL	PCR	Environmental	30-Jun-15	0/22	0/71	Yearly			
Staphylococcus aureus	CRL	PCR	Environmental	30-Jun-15	2/22	2/71	Yearly			
Streptobacillus moniliformis ¹	CRL	PCR	Environmental	30-Jun-15	0/22	0/44	Yearly			
Streptococcus pneumoniae ¹	CRL	PCR	Environmental	30-Jun-15	0/22	0/71	Yearly			

Parasites¹:

Mites

	CRL	PCR	Environmental	4-Apr-16	0/22	0/133	Quarterly
<i>Myobia musculi</i>							
	CRL	PCR	Environmental	4-Apr-16	0/22	0/133	Quarterly
<i>Myocoptes musculus</i>							
	CRL	PCR	Environmental	4-Apr-16	0/22	0/133	Quarterly
<i>Radfordia affinis</i>							

Pinworms

	CRL	PCR	Environmental	4-Apr-16	0/22	0/133	Quarterly
<i>Aspicularis tetraptera</i>							
	CRL	PCR	Environmental	4-Apr-16	0/22	0/133	Quarterly
<i>Syphacia oblevata</i>							

Protozoan

	CRL	PCR	Environmental	4-Apr-16	4/22	18/133	Quarterly
<i>Entamoeba muris</i>							
	CRL	PCR	Environmental	30-Jun-15	0/22	0/71	Yearly
<i>Giardia muris</i>							
	CRL	PCR	Environmental	4-Apr-16	0/22	0/133	Quarterly
<i>Spironucleus muris</i>							
	CRL	Direct	Sentinel	25-Mar-15	/	0/27	(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.