

Health Monitoring Report for Mice

Institution: Harvard University Faculty of Arts and Sciences

Date: 30 March 2016

Microbiological Entity/Unit

Building: BRI

Room(s): POD 2, 1202, 1208, 1209, 1214, 1218

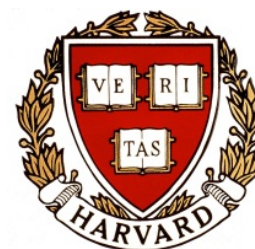
Entity/Unit type (mark the correct type) :

Conventional

☒ Barrier

Isolator

Other



Contact person (name, e-mail, phone)

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Testing Results:

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Testing Results:			Most recent tests		Historical results	
					Collected over 18 months	
Testing Laboratory	Testing method	Tested subject	Date	No.	No. positives/ No. tested	Testing frequency
		(sentinel, colony animal, environmental, etc.)		positives/ No. tested		

Viruses :

Ectromelia virus ¹	CRL	PCR	Environmental	25-Jun-15	0/23	0/73	Yearly
Hantaviruses	CRL	PCR	Environmental	25-Jun-15	0/23	0/23	Yearly
K virus	CRL	PCR	Sentinel	25-Mar-15	0/25	0/50	(not testing further)
Lactate dehydrogenase elevating virus				Not tested			
Lymphocytic choriomeningitis virus ¹	CRL	PCR	Environmental	25-Jun-15	0/23	0/73	Yearly
Mouse adenovirus (type 1) ¹	CRL	PCR	Environmental	25-Jun-15	0/23	0/73	Yearly
Mouse adenovirus (type 2) ¹	CRL	PCR	Environmental	25-Jun-15	0/23	0/73	Yearly
Mouse cytomegalovirus				Not tested			
Mouse hepatitis virus ¹	CRL	PCR	Environmental	30-Mar-16	0/20	0/135	Quarterly
Mouse norovirus ¹	CRL	PCR	Environmental	30-Mar-16	18/20	108/135	Quarterly
Mouse rotavirus ¹	CRL	PCR	Environmental	30-Mar-16	0/20	0/135	Quarterly
Mouse thymic virus				Not tested			
Parvovirus ¹	CRL	PCR	Environmental	30-Mar-16	0/20	0/135	Quarterly
- NS1	CRL	MFIA	Sentinel	25-Mar-15	0/25	0/50	(not testing further)
- MPV ¹	CRL	PCR	Environmental	30-Mar-16	0/20	0/135	Quarterly
- MVM ¹	CRL	PCR	Environmental	30-Mar-16	0/20	0/135	Quarterly
Polyoma virus	CRL	MFIA	Sentinel	25-Mar-15	0/25	0/50	(not testing further)
Pneumonia virus of mice ¹	CRL	PCR	Environmental	25-Jun-15	0/23	0/73	Yearly
Reovirus type 3 ¹	CRL	PCR	Environmental	25-Jun-15	0/23	0/73	Yearly
Sendai virus ¹	CRL	PCR	Environmental	25-Jun-15	0/23	0/73	Yearly
Theiler's murine encephalomyelitis virus ¹	CRL	PCR	Environmental	30-Mar-16	0/20	0/135	Quarterly

Bacteria & fungi:

β -hemolytic <i>Streptococcus</i> spp. (not group D) ¹	CRL	PCR	Environmental	25-Jun-15	0/23	0/73	Yearly
<i>Bordetella bronchiseptica</i>	CRL	PCR	Environmental	25-Jun-15	0/23	0/73	Yearly
<i>Bordetella hinzii</i>	CRL	PCR	Environmental	25-Jun-15	0/23	0/73	Yearly
Cilia-associated respiratory bacillus	CRL	PCR	Environmental	25-Jun-15	0/23	0/73	Yearly
<i>Citrobacter rodentium</i> ¹	CRL	PCR	Environmental	25-Jun-15	0/23	0/73	Yearly
<i>Clostridium piliforme</i> ¹	CRL	PCR	Environmental	25-Jun-15	0/23	0/73	Yearly
<i>Corynebacterium kutscheri</i> ¹	CRL	PCR	Environmental	25-Jun-15	0/23	0/73	Yearly
<i>Helicobacter</i> spp. ¹				Enzootic in colony			
<i>Klebsiella oxytoca</i>	CRL	PCR	Environmental	25-Jun-15	0/23	2/73	Yearly

1: The 2014 FELASA recommendations include these agents.

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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	25-Jun-15	0/23	0/73	Yearly
Mycoplasma pulmonis ¹	CRL	PCR	Environmental	25-Jun-15	0/23	0/73	Yearly
Pasteurella pneumotropica ¹	CRL	PCR	Environmental	23-Dec-15	20/20	85/135	Quarterly
Pseudomonas aeruginosa	CRL	PCR	Environmental	25-Jun-15	0/23	0/73	Yearly
Pneumocystis murina	CRL	PCR	Environmental	25-Jun-15	0/23	0/23	Yearly
Salmonella spp. ¹	CRL	PCR	Environmental	25-Jun-15	0/23	0/73	Yearly
Staphylococcus aureus	CRL	PCR	Environmental	25-Jun-15	0/23	1/73	Yearly
Streptobacillus moniliformis ¹	CRL	PCR	Environmental	25-Jun-15	0/23	0/23	Yearly
Streptococcus pneumoniae ¹	CRL	PCR	Environmental	25-Jun-15	0/23	0/73	Yearly
Parasites ¹ :							
Mites							
Myobia musculi	CRL	PCR	Environmental	30-Mar-16	0/20	0/135	Quarterly
Myocoptes musculinus	CRL	PCR	Environmental	30-Mar-16	0/20	0/135	Quarterly
Radfordia affinis	CRL	PCR	Environmental	30-Mar-16	0/20	0/135	Quarterly
Pinworms							
Aspiculuris tetraptera	CRL	PCR	Environmental	30-Mar-16	0/20	0/135	Quarterly
Syphacia oblevata	CRL	PCR	Environmental	30-Mar-16	0/20	0/135	Quarterly
Protozoan							
Entamoeba muris	CRL	PCR	Environmental	30-Mar-16	12/20	47/135	Quarterly
Giardia muris	CRL	PCR	Environmental	25-Jun-15	0/23	0/73	Yearly
Spironucleus muris	CRL	PCR	Environmental	30-Mar-16	0/20	0/135	Quarterly
Tritrichomonas muris	CRL	Direct	Sentinel	25-Mar-15	0/25	0/50	(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. ganmani*, *H. hepaticus*, *H. mastomyrinus*, *H. typhlonius*.

1: The 2014 FELASA recommendations include these agents.