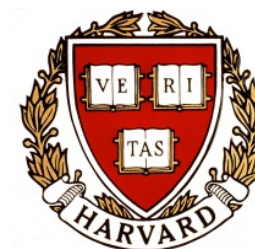


Health Monitoring Report for Mice

Institution: Harvard University Faculty of Arts and Sciences

Date: 6 April 2016



Microbiological Entity/Unit

Building: BRI

Room(s): POD 6: 1601, 1603, 1604, 1607, 1608

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 6642

Testing Results:

Testing Results:				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	
Viruses :							
Ectromelia virus ¹	CRL	PCR	Environmental	30-Jun-15	0/31	0/111	Yearly
Hantaviruses	CRL	PCR	Environmental	30-Jun-15	0/31	0/31	Yearly
K virus	CRL	MFIA	Sentinel	25-Mar-15	0/40	0/80	(not testing further)
Lactate dehydrogenase elevating virus				Not tested			
Lymphocytic choriomeningitis virus ¹	CRL	PCR	Environmental	30-Jun-15	0/31	0/111	Yearly
Mouse adenovirus (type 1) ¹	CRL	PCR	Environmental	30-Jun-15	0/31	0/111	Yearly
Mouse adenovirus (type 2) ¹	CRL	PCR	Environmental	30-Jun-15	0/31	0/111	Yearly
Mouse cytomegalovirus				Not tested			
Mouse hepatitis virus ¹	CRL	PCR	Environmental	6-Apr-16	0/34	0/211	Quarterly
Mouse norovirus ¹	CRL	PCR	Environmental	6-Apr-16	34/34	149/211	Quarterly
Mouse rotavirus ¹	CRL	PCR	Environmental	6-Apr-16	0/34	0/211	Quarterly
Mouse thymic virus				Not tested			
Parvovirus ¹	CRL	PCR	Environmental	6-Apr-16	0/34	0/211	Quarterly
- NS1	CRL	MFIA	Sentinel	25-Mar-15	0/40	0/80	(not testing further)
- MPV ¹	CRL	PCR	Environmental	6-Apr-16	0/34	0/211	Quarterly
- MVM ¹	CRL	PCR	Environmental	6-Apr-16	0/34	0/211	Quarterly
Polyoma virus	CRL	MFIA	Sentinel	25-Mar-15	0/40	0/80	(not testing further)
Pneumonia virus of mice ¹	CRL	PCR	Environmental	30-Jun-15	0/31	0/111	Yearly
Reovirus type 3 ¹	CRL	PCR	Environmental	30-Jun-15	0/31	0/111	Yearly
Sendai virus ¹	CRL	PCR	Environmental	30-Jun-15	0/31	0/111	Yearly
Theiler's murine encephalomyelitis virus ¹	CRL	PCR	Environmental	6-Apr-16	0/34	0/211	Quarterly

Bacteria & fungi:

β-hemolytic <i>Streptococcus</i> spp. (not group D) ¹	CRL	PCR	Environmental	30-Jun-15	0/31	0/111	Yearly
<i>Bordetella bronchiseptica</i>	CRL	PCR	Environmental	30-Jun-15	0/31	0/111	Yearly
<i>Bordetella hinzii</i>	CRL	PCR	Environmental	30-Jun-15	0/31	0/111	Yearly
Cilia-associated respiratory bacillus	CRL	PCR	Environmental	30-Jun-15	0/31	0/31	Yearly
<i>Citrobacter rodentium</i> ¹	CRL	PCR	Environmental	30-Jun-15	0/31	0/111	Yearly
<i>Clostridium piliforme</i> ¹	CRL	PCR	Environmental	30-Jun-15	0/31	0/111	Yearly
<i>Corynebacterium kutscheri</i> ¹	CRL	PCR	Environmental	30-Jun-15	0/31	0/111	Yearly
<i>Helicobacter</i> spp. ¹				Enzootic in colony			
<i>Klebsiella oxytoca</i>	CRL	PCR	Environmental	30-Jun-15	18/31	18/111	Yearly

1: The 2014 FELASA recommendations include these agents.

Health Monitoring Report for Mice

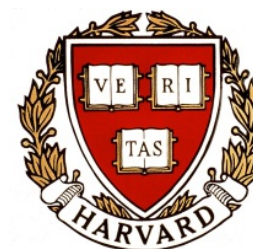
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Testing Results (continued):

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 (continued)							
<i>Klebsiella pneumoniae</i>	CRL	PCR	Environmental	30-Jun-15	8/31	8/111	Yearly
<i>Mycoplasma pulmonis</i> ¹	CRL	PCR	Environmental	30-Jun-15	0/31	0/111	Yearly
<i>Pasteurella pneumotropica</i> ¹	CRL	PCR	Environmental	6-Apr-16	34/34	128/211	Quarterly
<i>Pseudomonas aeruginosa</i>	CRL	PCR	Environmental	30-Jun-15	0/31	0/111	Yearly
<i>Pneumocystis murina</i>	CRL	PCR	Environmental	30-Jun-15	1/31	1/31	Yearly
<i>Salmonella</i> spp. ¹	CRL	PCR	Environmental	30-Jun-15	0/31	0/111	Yearly
<i>Staphylococcus aureus</i>	CRL	PCR	Environmental	30-Jun-15	0/31	3/111	Yearly
<i>Streptobacillus moniliformis</i> ¹	CRL	PCR	Environmental	30-Jun-15	0/31	0/31	Yearly
<i>Streptococcus pneumoniae</i> ¹	CRL	PCR	Environmental	30-Jun-15	0/31	0/111	Yearly
Parasites ¹ :							
Mites							
<i>Myobia musculi</i>	CRL	PCR	Environmental	6-Apr-16	0/34	0/211	Quarterly
<i>Myocoptes musculinus</i>	CRL	PCR	Environmental	6-Apr-16	0/34	0/211	Quarterly
<i>Radfordia affinis</i>	CRL	PCR	Environmental	6-Apr-16	0/34	0/211	Quarterly
Pinworms							
<i>Aspicularis tetraptera</i>	CRL	PCR	Environmental	6-Apr-16	0/34	0/211	Quarterly
<i>Syphacia oblevata</i>	CRL	PCR	Environmental	6-Apr-16	0/34	0/211	Quarterly
Protozoan							
<i>Entamoeba muris</i>	CRL	PCR	Environmental	6-Apr-16	17/34	52/211	Quarterly
<i>Giardia muris</i>	CRL	PCR	Environmental	30-Jun-15	0/31	0/111	Yearly
<i>Spironucleus muris</i>	CRL	PCR	Environmental	6-Apr-16	7/34	21/209	Quarterly
<i>Tritrichomonas muris</i>	CRL	Direct	Sentinel	25-Mar-15	0/40	0/80	(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*. *Spironucleus* found via PCR only in 1604.

1: The 2014 FELASA recommendations include these agents.