

Health Monitoring Report for Mice

Institution: Harvard University Faculty of Arts and Sciences

Date: 15 October 2015

Microbiological Entity/Unit

Building: BRI

Room(s): POD 7: 1702, 1703, 1707

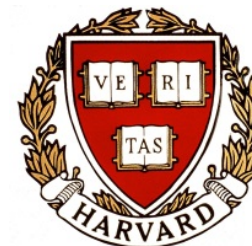
Entity/Unit type (mark the correct type) :

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	Testing frequency				
Viruses :							
Ectromelia virus ¹	CRL	PCR	Environmental	30-Jun-15	0/15	0/82	Yearly
Hantaviruses	CRL	PCR	Environmental	30-Jun-15	0/15	0/15	Yearly
K virus	CRL	MFIA	Sentinel	25-Mar-15	0/22	0/67	(not tested further)
Lactate dehydrogenase elevating virus				Not tested			
Lymphocytic choriomeningitis virus ¹	CRL	PCR	Environmental	30-Jun-15	0/15	0/82	Yearly
Mouse adenovirus (type 1) ¹	CRL	PCR	Environmental	30-Jun-15	0/15	0/82	Yearly
Mouse adenovirus (type 2) ¹	CRL	PCR	Environmental	30-Jun-15	0/15	0/82	Yearly
Mouse cytomegalovirus				Not tested			
Mouse hepatitis virus ¹	CRL	PCR	Environmental	6-Oct-15	0/15	0/120	Quarterly
Mouse norovirus ¹	CRL	PCR	Environmental	6-Oct-15	8/15	71/120	Quarterly
Mouse rotavirus ¹	CRL	PCR	Environmental	6-Oct-15	0/15	0/120	Quarterly
Mouse thymic virus				Not tested			
Parvovirus ¹	CRL	PCR	Environmental	6-Oct-15	0/15	0/120	Quarterly
- NS1	CRL	MFIA	Sentinel	25-Mar-15	0/22	0/90	(not tested further)
- MPV ¹	CRL	PCR	Environmental	6-Oct-15	0/15	0/120	Quarterly
- MVM ¹	CRL	PCR	Environmental	6-Oct-15	0/15	0/97	Quarterly
Polyoma virus	CRL	MFIA	Sentinel	25-Mar-15	0/22	0/67	
Pneumonia virus of mice ¹	CRL	PCR	Environmental	30-Jun-15	0/15	0/82	Yearly
Reovirus type 3 ¹	CRL	PCR	Environmental	30-Jun-15	0/15	0/82	Yearly
Sendai virus ¹	CRL	PCR	Environmental	30-Jun-15	0/15	0/82	Yearly
Theiler's murine encephalomyelitis virus ¹	CRL	PCR	Environmental	6-Oct-15	0/15	0/120	Quarterly

Bacteria & fungi:

β -hemolytic <i>Streptococcus</i> spp. (not group D) ¹	CRL	PCR	Environmental	30-Jun-15	2/15	2/105	Yearly
<i>Bordetella bronchiseptica</i>	CRL	PCR	Environmental	30-Jun-15	0/15	0/105	Yearly
<i>Bordetella hinzii</i>	CRL	PCR	Environmental	30-Jun-15	0/15	0/105	Yearly
Cilia-associated respiratory bacillus	CRL	PCR	Environmental	30-Jun-15	0/15	0/105	Yearly
<i>Citrobacter rodentium</i> ¹	CRL	PCR	Environmental	30-Jun-15	0/15	0/105	Yearly
<i>Clostridium piliforme</i> ¹	CRL	PCR	Environmental	30-Jun-15	0/15	0/105	Yearly
<i>Corynebacterium kutscheri</i> ¹	CRL	PCR	Environmental	30-Jun-15	0/15	0/105	Yearly
<i>Helicobacter</i> spp. ¹				Enzootic in colony			
<i>Klebsiella oxytoca</i>	CRL	PCR	Environmental	30-Jun-15	3/15	3/105	Yearly

1: The 2014 FELASA recommendations include these agents.

Health Monitoring Report for Mice

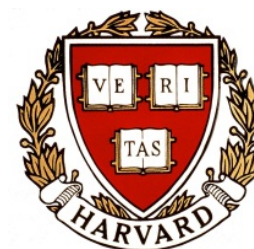
Institution: Harvard University Faculty of Arts and Sciences

Date:

Microbiological Entity/Unit

Building: BRI

Room(s): POD 7: 1702, 1703, 1707



Testing Results (continued):

Testing Results (continued):				Most recent tests		Historical results	
				Tested subject		Collected over 18 months	
Testing Laboratory	Testing method	Tested subject (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	2/15	2/105	Yearly
<i>Mycoplasma pulmonis</i> ¹	CRL	PCR	Environmental	30-Jun-15	0/15	0/105	Yearly
<i>Pasteurella pneumotropica</i> ¹	CRL	PCR	Environmental	6-Oct-15	12/15	24/120	Quarterly
<i>Pseudomonas aeruginosa</i>	CRL	PCR	Environmental	30-Jun-15	0/15	0/105	Yearly
<i>Pneumocystis murina</i>	CRL	PCR	Environmental	30-Jun-15	0/15	0/15	Yearly
<i>Salmonella</i> spp. ¹	CRL	PCR	Environmental	30-Jun-15	0/15	0/105	Yearly
<i>Staphylococcus aureus</i>	CRL	PCR	Environmental	30-Jun-15	2/15	5/105	Yearly
<i>Streptobacillus moniliformis</i> ¹	CRL	PCR	Environmental	30-Jun-15	0/15	0/15	Yearly
<i>Streptococcus pneumoniae</i> ¹	CRL	PCR	Environmental	30-Jun-15	0/15	0/105	Yearly

Parasites¹:

Mites

<i>Myobia musculi</i>	CRL	PCR	Environmental	6-Oct-15	0/15	0/120	Quarterly
<i>Myocoptes musculinus</i>	CRL	PCR	Environmental	6-Oct-15	0/15	0/120	Quarterly
<i>Radfordia affinis</i>	CRL	PCR	Environmental	6-Oct-15	0/15	0/120	Quarterly

Pinworms

<i>Aspiculuris tetraptera</i>	CRL	PCR	Environmental	6-Oct-15	0/15	0/120	Quarterly
<i>Syphacia oblevata</i>	CRL	PCR	Environmental	6-Oct-15	0/15	0/120	Quarterly

Protozoan

<i>Entamoeba muris</i>	CRL	PCR	Environmental	6-Oct-15	0/15	20/120	Quarterly
<i>Giardia muris</i>	CRL	PCR	Environmental	30-Jun-15	0/15	0/105	Yearly
<i>Spironucleus muris</i>	CRL	PCR	Environmental	6-Oct-15	0/15	0/120	Quarterly
<i>Tritrichomonas muris</i>	CRL	Direct	Sentinel	25-Mar-15	0/22	1/90	(not tested 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. bilis*, *H. ganmani*, *H. hepaticus*, *H. mastomyrinus*, *H. typhlonius*.

1: The 2014 FELASA recommendations include these agents.