

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 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	0/110	Yearly
Hantaviruses	CRL	PCR	Environmental	30-Jun-15	0/22	0/22	Yearly
K virus	CRL	MFIA	Sentinel	25-Mar-15	0/27	0/88	(not testing further)
Lactate dehydrogenase elevating virus				Not tested			
Lymphocytic choriomeningitis virus ¹	CRL	PCR	Environmental	30-Jun-15	0/22	0/110	Yearly
Mouse adenovirus (type 1) ¹	CRL	PCR	Environmental	30-Jun-15	0/22	0/110	Yearly
Mouse adenovirus (type 2) ¹	CRL	PCR	Environmental	30-Jun-15	0/22	0/110	Yearly
Mouse cytomegalovirus				Not tested			
Mouse hepatitis virus ¹	CRL	PCR	Environmental	6-Oct-15	0/21	0/161	Quarterly
Mouse norovirus ¹	CRL	PCR	Environmental	6-Oct-15	12/21	87/161	Quarterly
Mouse rotavirus ¹	CRL	PCR	Environmental	6-Oct-15	0/21	0/161	Quarterly
Mouse thymic virus				Not tested			
Parvovirus ¹	CRL	PCR	Environmental	6-Oct-15	0/21	0/161	Quarterly
- NS1	CRL	MFIA	Sentinel	25-Mar-15	0/27	0/118	(not testing further)
- MPV ¹	CRL	PCR	Environmental	6-Oct-15	0/21	0/161	Quarterly
- MVM ¹	CRL	PCR	Environmental	6-Oct-15	0/21	0/161	Quarterly
Polyoma virus	CRL	MFIA	Sentinel	25-Mar-15	0/27	0/88	(not testing further)
Pneumonia virus of mice ¹	CRL	PCR	Environmental	30-Jun-15	0/22	0/110	Yearly
Reovirus type 3 ¹	CRL	PCR	Environmental	30-Jun-15	0/22	0/110	Yearly
Sendai virus ¹	CRL	PCR	Environmental	30-Jun-15	0/22	0/110	Yearly
Theiler's murine encephalomyelitis virus ¹	CRL	PCR	Environmental	6-Oct-15	0/21	0/161	Quarterly

Bacteria & fungi:

β -hemolytic <i>Streptococcus</i> spp. (not group D) ¹	CRL	PCR	Environmental	30-Jun-15	0/22	0/140	Yearly
<i>Bordetella bronchiseptica</i>	CRL	PCR	Environmental	30-Jun-15	0/22	0/140	Yearly
<i>Bordetella hinzii</i>	CRL	PCR	Environmental	30-Jun-15	0/22	0/140	Yearly
Cilia-associated respiratory bacillus	CRL	PCR	Environmental	30-Jun-15	0/22	0/140	Yearly
<i>Citrobacter rodentium</i> ¹	CRL	PCR	Environmental	30-Jun-15	0/22	0/140	Yearly
<i>Clostridium piliforme</i> ¹	CRL	PCR	Environmental	30-Jun-15	0/22	0/140	Yearly
<i>Corynebacterium kutscheri</i> ¹	CRL	PCR	Environmental	30-Jun-15	0/22	0/140	Yearly
<i>Helicobacter</i> spp. ¹				Enzootic in colony			
<i>Klebsiella oxytoca</i>	CRL	PCR	Environmental	30-Jun-15	0/22	0/140	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 (sentinel, colony animal, environmental, etc.)	Date	No. positives/ No. tested	Collected over 18 months
Testing Laboratory	Testing method	No. positives/ No. tested	Testing frequency				
Bacteria & Fungi (continued)							
Klebsiella pneumoniae	CRL	PCR	Environmental	30-Jun-15	0/22	0/140	Yearly
Mycoplasma pulmonis ¹	CRL	PCR	Environmental	30-Jun-15	0/22	0/140	Yearly
Pasteurella pneumotropica ¹	CRL	PCR	Environmental	6-Oct-15	16/21	30/161	Quarterly
Pseudomonas aeruginosa	CRL	PCR	Environmental	30-Jun-15	0/22	0/140	Yearly
Pneumocystis murina	CRL	PCR	Environmental	30-Jun-15	0/22	0/22	Yearly
Salmonella spp. ¹	CRL	PCR	Environmental	30-Jun-15	0/22	0/140	Yearly
Staphylococcus aureus	CRL	PCR	Environmental	30-Jun-15	0/22	11/140	Yearly
Streptobacillus moniliformis ¹	CRL	PCR	Environmental	30-Jun-15	0/22	0/22	Yearly
Streptococcus pneumoniae ¹	CRL	PCR	Environmental	30-Jun-15	0/22	0/140	Yearly
Parasites ¹ :							
Mites							
Myobia musculi	CRL	PCR	Environmental	6-Oct-15	0/21	0/161	Quarterly
Myocoptes musculus	CRL	PCR	Environmental	6-Oct-15	0/21	0/161	Quarterly
Radfordia affinis	CRL	PCR	Environmental	6-Oct-15	0/21	0/161	Quarterly
Pinworms							
Aspicularis tetraptera	CRL	PCR	Environmental	6-Oct-15	0/21	0/161	Quarterly
Syphacia oblevata	CRL	PCR	Environmental	6-Oct-15	0/21	0/161	Quarterly
Protozoan							
Entamoeba muris	CRL	PCR	Environmental	6-Oct-15	3/21	20/161	Quarterly
Giardia muris	CRL	PCR	Environmental	30-Jun-15	0/22	0/140	Yearly
Spironucleus muris	CRL	PCR	Environmental	6-Oct-15	0/21	0/161	Quarterly
Tritrichomonas muris	CRL	Direct	Sentinel	25-Mar-15	0/27	0/118	(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. bilis*, *H. ganmani*, *H. hepaticus*.

1: The 2014 FELASA recommendations include these agents.