

Health Monitoring Report for Mice

Institution: Harvard University Faculty of Arts and Sciences

Date: 23 December 2015

Microbiological Entity/Unit

Building: BRI

Room(s): POD 5: 1501, 1504, 1508

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	0/14	0/50	Yearly
Hantaviruses	CRL	PCR	Environmental	23-Dec-15	0/9	0/32	Quarterly
K virus	CRL	MFIA	Sentinel	25-Mar-15	0/18	0/36	(not tested further)
Lactate dehydrogenase elevating virus				Not tested			
Lymphocytic choriomeningitis virus ¹	CRL	PCR	Environmental	30-Jun-15	0/14	0/50	Yearly
Mouse adenovirus (type 1) ¹	CRL	PCR	Environmental	30-Jun-15	0/14	0/50	Yearly
Mouse adenovirus (type 2) ¹	CRL	PCR	Environmental	30-Jun-15	0/14	0/50	Yearly
Mouse cytomegalovirus				Not tested			
Mouse hepatitis virus ¹	CRL	PCR	Environmental	23-Dec-15	0/9	0/87	Quarterly
Mouse norovirus ¹	CRL	PCR	Environmental	23-Dec-15	0/9	32/87	Quarterly
Mouse rotavirus ¹	CRL	PCR	Environmental	23-Dec-15	0/9	0/87	Quarterly
Mouse thymic virus				Not tested			
Parvovirus ¹	CRL	PCR	Environmental	23-Dec-15	0/9	0/87	Quarterly
- NS1	CRL	MFIA	Sentinel	25-Mar-15	0/18	0/55	(not tested further)
- MPV ¹	CRL	PCR	Environmental	23-Dec-15	0/9	0/87	Quarterly
- MVM ¹	CRL	PCR	Environmental	23-Dec-15	0/9	0/87	Quarterly
Polyoma virus	CRL	MFIA	Sentinel	25-Mar-15	0/18	0/36	(not tested further)
Pneumonia virus of mice ¹	CRL	PCR	Environmental	30-Jun-15	0/14	0/50	Yearly
Reovirus type 3 ¹	CRL	PCR	Environmental	30-Jun-15	0/14	0/50	Yearly
Sendai virus ¹	CRL	PCR	Environmental	30-Jun-15	0/14	0/50	Yearly
Theiler's murine encephalomyelitis virus ¹	CRL	PCR	Environmental	6-Oct-15	0/9	0/87	Quarterly

Bacteria & fungi:

β-hemolytic <i>Streptococcus</i> spp. (not group D) ¹	CRL	PCR	Environmental	30-Jun-15	0/14	0/69	Yearly
<i>Bordetella bronchiseptica</i>	CRL	PCR	Environmental	30-Jun-15	0/14	0/69	Yearly
<i>Bordetella hinzii</i>	CRL	PCR	Environmental	30-Jun-15	0/14	0/69	Yearly
Cilia-associated respiratory bacillus	CRL	PCR	Environmental	30-Jun-15	0/14	0/69	Yearly
<i>Citrobacter rodentium</i> ¹	CRL	PCR	Environmental	30-Jun-15	0/14	0/69	Yearly
<i>Clostridium piliforme</i> ¹	CRL	PCR	Environmental	30-Jun-15	0/14	0/69	Yearly
<i>Corynebacterium kutscheri</i> ¹	CRL	PCR	Environmental	30-Jun-15	0/14	0/69	Yearly
<i>Helicobacter</i> spp. ¹				Enzootic in colony			
<i>Klebsiella oxytoca</i>	CRL	PCR	Environmental	30-Jun-15	0/14	0/69	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.)		Collected over 18 months	
Testing Laboratory	Testing method			Date	No. positives/ No. tested	No. positives/ No. tested	Testing frequency
Bacteria & Fungi (continued)							
<i>Klebsiella pneumoniae</i>	CRL	PCR	Environmental	30-Jun-15	1/14	1/69	Yearly
<i>Mycoplasma pulmonis</i> ¹	CRL	PCR	Environmental	30-Jun-15	0/14	0/69	Yearly
<i>Pasteurella pneumotropica</i> ¹	CRL	PCR	Environmental	23-Dec-15	4/9	17/87	Quarterly
<i>Pseudomonas aeruginosa</i>	CRL	PCR	Environmental	30-Jun-15	0/14	0/69	Yearly
<i>Pneumocystis murina</i>	CRL	PCR	Environmental	30-Jun-15	0/14	0/14	Yearly
<i>Salmonella</i> spp. ¹	CRL	PCR	Environmental	30-Jun-15	0/14	0/69	Yearly
<i>Staphylococcus aureus</i>	CRL	PCR	Environmental	30-Jun-15	0/14	1/69	Yearly
<i>Streptobacillus moniliformis</i> ¹	CRL	PCR	Environmental	30-Jun-15	0/14	0/14	Yearly
<i>Streptococcus pneumoniae</i> ¹	CRL	PCR	Environmental	30-Jun-15	0/14	0/69	Yearly

Parasites¹:

Mites

<i>Myobia musculi</i>	CRL	PCR	Environmental	23-Dec-15	0/9	0/87	Quarterly
<i>Myocoptes musculus</i>	CRL	PCR	Environmental	23-Dec-15	0/9	0/87	Quarterly
<i>Radfordia affinis</i>	CRL	PCR	Environmental	23-Dec-15	0/9	0/87	Quarterly

Pinworms

<i>Aspiculuris tetraptera</i>	CRL	PCR	Environmental	23-Dec-15	0/9	0/87	Quarterly
<i>Syphacia oblevata</i>	CRL	PCR	Environmental	23-Dec-15	0/9	0/87	Quarterly

Protozoan

<i>Entamoeba muris</i>	CRL	PCR	Environmental	23-Dec-15	3/9	16/87	Quarterly
<i>Giardia muris</i>	CRL	PCR	Environmental	30-Jun-15	0/14	0/69	Yearly
<i>Spironucleus muris</i>	CRL	PCR	Environmental	23-Dec-15	0/9	0/87	Quarterly
<i>Tritrichomonas muris</i>	CRL	Sentinel	Direct	25-Mar-15	0/18	0/55	(not tested further)

Other parasites

Additional agents for which testing has been performed:

<i>Leptospira</i> spp.	CRL	PCR	Environment	6-Oct-15	0/9	0/16	Quarterly
<i>Cryptosporidium</i> spp.	CRL	PCR	Environment	6-Oct-15	0/9	0/16	Quarterly

Pathology:

Additional comments:

Area contains *Mus*, *Peromyscus*, and *Rhabdomys*, all previously tested via *Mus* bedding sentinels. 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. mastomyrinus*, *H. typhlonius*.

1: The 2014 FELASA recommendations include these agents.