

Health Monitoring Report for Mice

Institution: Harvard Medical School-VSC, 77 Ave. Louis Pasteur, Boston, MA, 02115 USA

Date: 12-June-26

Microbiological Entity/Unit

Building: NRB
Room(s):
5,6,7,8,9,10,11,13,14,15,16,17,18,19,21,47,77 &
945

Barrier Facility

Entity/Unit type (mark the correct type):

Conventional

Barrier-IVC

Isolator

Other



Contact person (name, e-mail, phone)

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Testing Results:

	Testing Laboratory	Testing method	Tested subject (sentinel, colony animal, environmental, etc.)	Most recent tests		Historical results	
				Date	No. positives/ No. tested	No. positives/ No. tested	Testing frequency
Collected over 18 months							
Viruses :							
Ectromelia virus ¹	CRL	PCR	Contact Media	28-May-26	0/106	0/221	Annually
Hantaviruses				Not tested			
K virus	CRL	PCR	Contact Media	28-May-26	0/106	0/221	Annually
Lactate dehydrogenase elevating virus				Not tested			
Lymphocytic choriomeningitis virus ¹	CRL	PCR	Contact Media	28-May-26	0/106	0/221	Annually
Mouse adenovirus (type 1) ¹	CRL	PCR	Contact Media	28-May-26	0/106	0/221	Annually
Mouse adenovirus (type 2) ¹	CRL	PCR	Contact Media	28-May-26	0/106	0/221	Annually
Mouse cytomegalovirus				Not tested			
Mouse hepatitis virus ¹	CRL	PCR	Contact Media	28-May-26	0/106	0/681	Trimesterly
Mouse norovirus ¹				Present in Facility			
Mouse rotavirus ¹	CRL	PCR	Contact Media	28-May-26	0/106	0/681	Trimesterly
Mouse thymic virus				Not tested			
Parvovirus ¹	CRL	PCR	Contact Media	28-May-26	0/106	0/681	Trimesterly
- NS1	CRL	PCR	Contact Media	28-May-26	0/106	0/681	Trimesterly
- MPV ¹	CRL	PCR	Contact Media	28-May-26	0/106	0/681	Trimesterly
- MVM ¹	CRL	PCR	Contact Media	28-May-26	0/106	0/681	Trimesterly
Polyoma virus	CRL	PCR	Contact Media	28-May-26	0/106	0/221	Annually
Pneumonia virus of mice ¹	CRL	PCR	Contact Media	28-May-26	0/106	0/681	Trimesterly
Reovirus type 3 ¹	CRL	PCR	Contact Media	28-May-26	0/106	0/681	Trimesterly
Sendai virus ¹	CRL	PCR	Contact Media	28-May-26	0/106	0/681	Trimesterly
Theiler's murine encephalomyelitis virus ¹	CRL	PCR	Contact Media	28-May-26	0/106	0/681	Trimesterly

Bacteria & fungi:

β -hemolytic <i>Streptococcus</i> spp. (not group D) ¹					Not tested		
<i>Bordetella bronchiseptica</i>					Not tested		
<i>Bordetella hinzii</i>					Not tested		
Cilia-associated respiratory bacillus					Not tested		
<i>Citrobacter rodentium</i> ¹					Not tested		
<i>Clostridium piliforme</i> ¹					Not tested		
<i>C. bovis</i>	CRL	PCR	Contact Media	28-May-26	0/106	0/681	Trimesterly
<i>Corynebacterium kutscheri</i> ¹					Not tested		
<i>Helicobacter</i> spp. ¹					Not tested		
<i>Klebsiella oxytoca</i>					Not tested		

1: The 2014 FELASA recommendations include these agents.

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Testing Results (continued):

	Tested subject <small>(sentinel, colony animal, environmental, etc.)</small>			Most recent tests		Historical results	
				Date	No. positives/ No. tested	Collected over 18 months	
	Testing Laboratory	Testing method			No. positives/ No. tested	Testing frequency	
Bacteria & fungi (continued)							
<i>Klebsiella pneumoniae</i>				Not tested			
<i>Mycoplasma pulmonis</i> ¹	CRL	PCR	Contact Media	28-May-26	0/106	0/681 Trimesterly	
<i>Pasteurella pneumotropica</i> ¹				Not tested			
<i>Pseudomonas aeruginosa</i>				Not tested			
<i>Pneumocystis murina</i>				Not tested			
<i>Salmonella</i> spp. ¹				Not tested			
<i>Staphylococcus aureus</i>				Not tested			
<i>Streptobacillus moniliformis</i> ¹				Not tested			
<i>Streptococcus pneumoniae</i> ¹				Not tested			

Parasites¹:

Mites

<i>Myobia musculi</i>	CRL	PCR	Contact Media	28-May-26	0/106	0/681	Trimesterly
<i>Myocoptes musculinus</i>	CRL	PCR	Contact Media	28-May-26	0/106	0/681	Trimesterly
<i>Radfordia affinis</i>	CRL	PCR	Contact Media	28-May-26	0/106	0/681	Trimesterly

Pinworms

<i>Aspiculuris tetraptera</i>	CRL	PCR	Contact Media	28-May-26	0/106	0/681	Trimesterly
<i>Syphacia oblevata</i>	CRL	PCR	Contact Media	28-May-26	0/106	0/681	Trimesterly

Protozoan

<i>Entamoeba muris</i>				Not tested		
<i>Giardia muris</i>				Not tested		
<i>Spiroucleus muris</i>				Not tested		
<i>Tritrichomonas muris</i>				Not tested		

Parasite testing:

Trimesterly and annual parasite testing performed by PCR with samples collected from pooled dirty bedding via contact media by room and rack.

Additional comments:

Myobia musculi was identified on a single rack in room 77 by PCR surveillance in Q1 2022. The affected rack began an 8-week course of ivermectin feed on 3/8/22. Subsequent PCR testing of rack plenums in May, 2022, show additional racks affected by *Myobia*. All remaining racks in the room were placed on an 8-week course of ivermectin chow beginning the week of 06/08/22. The treatment course was completed and all racks retested by PCR in September, 2022. Negative results were received and the room was released from isolation on 10/3/22.

Myobia musculi was identified on a single rack in room 009 by fur pluck and verified by PCR in November, 2022. All racks began an 8-week course of ivermectin feed on 11/16/22, except for a small subset of cages that were placed on topical Selamectin every 2-3 weeks. The treatment course was completed and all racks retested by PCR in February, 2022. Negative results were received and the room was released from isolation on 2/13/23.

This report represents the transition from quarterly to trimesterly frequency and includes the annual testing of excluded agents. Annual testing will occur during T2 of each year going forward.