

Health Monitoring Report for Mice

Institution: Harvard University Faculty of Arts and Sciences

Date: 15 March 2021



Microbiological Entity/Unit

Building: BRI

Room(s): POD 4: 1403, 1405, 1406, 1409, 1410

Entity/Unit type (mark the correct type) :

Conventional

Barrier

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 | Collected over 18 months No. positives/ No. tested | Testing frequency |

Viruses :

| | | | | | | | |
|---|-----|-----|---------------|------------|-------|-------|-----------|
| Ectromelia virus ¹ | CRL | PCR | Environmental | 15-Mar-21 | 0/25 | 0/52 | Yearly |
| Hantaviruses | CRL | PCR | Environmental | 15-Mar-21 | 0/25 | 0/52 | Yearly |
| K virus | | | | Not tested | | | |
| Lactate dehydrogenase elevating virus | | | | Not tested | | | |
| Lymphocytic choriomeningitis virus ¹ | CRL | PCR | Environmental | 15-Mar-21 | 0/25 | 0/52 | Yearly |
| Mouse adenovirus (type 1) ¹ | CRL | PCR | Environmental | 15-Mar-21 | 0/25 | 0/52 | Yearly |
| Mouse adenovirus (type 2) ¹ | CRL | PCR | Environmental | 15-Mar-21 | 0/25 | 0/52 | Yearly |
| Mouse cytomegalovirus | | | | Not tested | | | |
| Mouse hepatitis virus ¹ | CRL | PCR | Environmental | 15-Mar-21 | 0/25 | 0/74 | Quarterly |
| Mouse norovirus ¹ | CRL | PCR | Environmental | 15-Mar-21 | 12/25 | 35/74 | Quarterly |
| Mouse rotavirus ¹ | CRL | PCR | Environmental | 15-Mar-21 | 0/25 | 0/74 | Quarterly |
| Mouse thymic virus | | | | Not tested | | | |
| Parvovirus ¹ | CRL | PCR | Environmental | 15-Mar-21 | 0/25 | 0/74 | Quarterly |
| - NS1 | | | | Not tested | | | |
| - MPV ¹ | CRL | PCR | Environmental | 15-Mar-21 | 0/25 | 0/74 | Quarterly |
| - MVM ¹ | CRL | PCR | Environmental | 15-Mar-21 | 0/25 | 0/74 | Quarterly |
| Polyoma virus | | | | Not tested | | | |
| Pneumonia virus of mice ¹ | CRL | PCR | Environmental | 15-Mar-21 | 0/25 | 0/52 | Yearly |
| Reovirus type 3 ¹ | CRL | PCR | Environmental | 15-Mar-21 | 0/25 | 0/52 | Yearly |
| Sendai virus ¹ | CRL | PCR | Environmental | 15-Mar-21 | 0/25 | 0/52 | Yearly |
| Theiler's murine encephalomyelitis virus ¹ | CRL | PCR | Environmental | 15-Mar-21 | 0/25 | 0/74 | Quarterly |

Bacteria & fungi:

| | | | | | | | |
|---|-----|-----|---------------|--------------------|------|------|--------|
| β -hemolytic <i>Streptococcus</i> spp. (not group D) ¹ | CRL | PCR | Environmental | 15-Mar-21 | 0/25 | 0/52 | Yearly |
| <i>Bordetella bronchiseptica</i> | CRL | PCR | Environmental | 15-Mar-21 | 0/25 | 0/52 | Yearly |
| <i>Bordetella hinzii</i> | CRL | PCR | Environmental | 15-Mar-21 | 0/25 | 0/52 | Yearly |
| Cilia-associated respiratory bacillus | CRL | PCR | Environmental | 15-Mar-21 | 0/25 | 0/52 | Yearly |
| <i>Citrobacter rodentium</i> ¹ | CRL | PCR | Environmental | 15-Mar-21 | 0/25 | 0/52 | Yearly |
| <i>Clostridium piliforme</i> ¹ | CRL | PCR | Environmental | 15-Mar-21 | 0/25 | 0/52 | Yearly |
| <i>Corynebacterium kutscheri</i> ¹ | CRL | PCR | Environmental | 15-Mar-21 | 0/25 | 0/52 | Yearly |
| <i>Helicobacter</i> spp. ¹ | | | | Enzootic in colony | | | |
| <i>Klebsiella oxytoca</i> | CRL | PCR | Environmental | 15-Mar-21 | 3/25 | 6/52 | Yearly |

1: The 2014 FELASA recommendations include these agents.

*Agents formerly known as *Pasteurella pneumotropica*, Heyl and Jawetz

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Testing Results (continued):

| | | | | Tested subject <i>(sentinel, colony animal, environmental, etc.)</i> | 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> | CRL | PCR | Environmental | 15-Mar-21 | 0/25 | 0/52 | Yearly | |
| <i>Mycoplasma pulmonis</i> ¹ | CRL | PCR | Environmental | 15-Mar-21 | 0/25 | 0/52 | Yearly | |
| <i>Rodentibacter heylii</i> ^{1*} | CRL | PCR | Environmental | 15-Mar-21 | 21/25 | 63/74 | Quarterly | |
| <i>Rodentibacter pneumotropicus</i> ^{1*} | CRL | PCR | Environmental | 15-Mar-21 | 7/25 | 28/74 | Quarterly | |
| <i>Pseudomonas aeruginosa</i> | CRL | PCR | Environmental | 15-Mar-21 | 0/25 | 0/52 | Yearly | |
| <i>Pneumocystis murina</i> | CRL | PCR | Environmental | 15-Mar-21 | 0/25 | 0/52 | Yearly | |
| <i>Salmonella</i> spp. ¹ | CRL | PCR | Environmental | 15-Mar-21 | 0/25 | 0/52 | Yearly | |
| <i>Staphylococcus aureus</i> | CRL | PCR | Environmental | 15-Mar-21 | 2/25 | 3/52 | Yearly | |
| <i>Streptobacillus moniliformis</i> ¹ | CRL | PCR | Environmental | 15-Mar-21 | 0/25 | 0/52 | Yearly | |
| <i>Streptococcus pneumoniae</i> ¹ | CRL | PCR | Environmental | 15-Mar-21 | 0/25 | 0/52 | Yearly | |

Parasites¹:

Mites

| | | | | | | | |
|-----------------------------|-----|-----|---------------|-----------|------|------|-----------|
| <i>Myobia musculi</i> | CRL | PCR | Environmental | 15-Mar-21 | 0/25 | 0/74 | Quarterly |
| <i>Myocoptes musculinus</i> | CRL | PCR | Environmental | 15-Mar-21 | 0/25 | 0/74 | Quarterly |
| <i>Radfordia affinis</i> | CRL | PCR | Environmental | 15-Mar-21 | 0/25 | 0/74 | Quarterly |

Pinworms

| | | | | | | | |
|-------------------------------|-----|-----|---------------|-----------|------|------|-----------|
| <i>Aspiculuris tetraptera</i> | CRL | PCR | Environmental | 15-Mar-21 | 0/25 | 0/74 | Quarterly |
| <i>Syphacia oblevata</i> | CRL | PCR | Environmental | 15-Mar-21 | 0/25 | 0/74 | Quarterly |

Protozoan

| | | | | | | | |
|-------------------------------|-----|-----|---------------|-----------|------------|------|-----------|
| <i>Entamoeba muris</i> | CRL | PCR | Environmental | 15-Mar-21 | 0/25 | 1/74 | Quarterly |
| <i>Giardia muris</i> | CRL | PCR | Environmental | 15-Mar-21 | 0/25 | 0/52 | Yearly |
| <i>Spirotrichomonas muris</i> | CRL | PCR | Environmental | 15-Mar-21 | 1/25 | 3/74 | Quarterly |
| <i>Tritrichomonas muris</i> | | | | | Not tested | | |

Other parasites

Additional agents for which testing has been performed:

Pathology:

Additional comments:

Helicobacter spp. enzootically present in the colony: *H. bilis*, *H. ganmani*, *H. hepaticus*, *H. mastomyrinus*, *H. typhlonius*.

1: The 2014 FELASA recommendations include these agents.

*Agents formerly known as *Pasteurella pneumotropica*, Heyl and Jawetz