

Health Monitoring Report for Mice

Institution: Harvard University Faculty of Arts and Sciences

Date: 24 March 2024

Microbiological Entity/Unit

Building: BRI

Room(s): POD 5: 1501, 1508

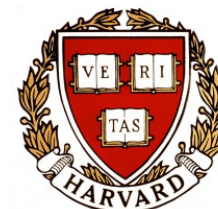
Entity/Unit type (mark the correct type) :

Conventional

Barrier

Isolator

Other



Contact person (name, e-mail, phone)

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Testing Results:

| | Testing 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 | Environmental | 24-Mar-24 | 0/9 | 0/18 | Yearly |
| Hantaviruses | CRL | PCR | Environmental | 24-Mar-24 | 0/9 | 0/26 | Quarterly |
| K virus | | | | Not tested | | | |
| Lactate dehydrogenase elevating virus | | | | Not tested | | | |
| Lymphocytic choriomeningitis virus ¹ | CRL | PCR | Environmental | 24-Mar-24 | 0/9 | 0/18 | Yearly |
| Mouse adenovirus (type 1 and 2) ¹ | CRL | PCR | Environmental | 24-Mar-24 | 0/9 | 0/18 | Yearly |
| Mouse cytomegalovirus | | | | Not tested | | | |
| Mouse hepatitis virus ¹ | CRL | PCR | Environmental | 24-Mar-24 | 0/9 | 0/26 | Quarterly |
| Mouse norovirus ¹ | CRL | PCR | Environmental | 24-Mar-24 | 0/9 | 0/26 | Quarterly |
| Mouse rotavirus ¹ | CRL | PCR | Environmental | 24-Mar-24 | 0/9 | 0/26 | Quarterly |
| Mouse thymic virus | | | | Not tested | | | |
| Parvovirus ¹ | CRL | PCR | Environmental | 24-Mar-24 | 0/9 | 0/26 | Quarterly |
| - MuCPV | CRL | PCR | Environmental | 24-Mar-24 | 0/9 | 0/26 | Quarterly |
| - MPV ¹ | CRL | PCR | Environmental | 24-Mar-24 | 0/9 | 0/26 | Quarterly |
| - MVM ¹ | CRL | PCR | Environmental | 24-Mar-24 | 0/9 | 0/26 | Quarterly |
| Polyoma virus | | | | Not tested | | | |
| Pneumonia virus of mice ¹ | CRL | PCR | Environmental | 24-Mar-24 | 0/9 | 0/18 | Yearly |
| Reovirus type 3 ¹ | CRL | PCR | Environmental | 24-Mar-24 | 0/9 | 0/18 | Yearly |
| Sendai virus ¹ | CRL | PCR | Environmental | 24-Mar-24 | 0/9 | 0/18 | Yearly |
| Theiler's murine encephalomyelitis virus ¹ | CRL | PCR | Environmental | 24-Mar-24 | 0/9 | 0/26 | Quarterly |

Bacteria & fungi:

| | | | | | | | |
|---|-----|-----|---------------|--------------------|-----|------|--------|
| β -hemolytic <i>Streptococcus</i> spp. (not group D) ¹ | CRL | PCR | Environmental | 24-Mar-24 | 1/9 | 1/18 | Yearly |
| <i>Bordetella bronchiseptica</i> | CRL | PCR | Environmental | 24-Mar-24 | 0/9 | 0/18 | Yearly |
| <i>Bordetella pseudohinzii</i> | CRL | PCR | Environmental | 24-Mar-24 | 0/9 | 0/18 | Yearly |
| <i>Citrobacter rodentium</i> ¹ | CRL | PCR | Environmental | 24-Mar-24 | 0/9 | 0/18 | Yearly |
| <i>Clostridium piliforme</i> ¹ | CRL | PCR | Environmental | 24-Mar-24 | 0/9 | 0/18 | Yearly |
| <i>Corynebacterium kutscheri</i> ¹ | CRL | PCR | Environmental | 24-Mar-24 | 0/9 | 0/18 | Yearly |
| <i>Filobacterium rodentium</i> ** | CRL | PCR | Environmental | 24-Mar-24 | 0/9 | 0/18 | Yearly |
| <i>Helicobacter</i> spp. ¹ | | | | Enzootic in colony | | | |
| <i>Klebsiella oxytoca</i> | CRL | PCR | Environmental | 24-Mar-24 | 2/9 | 4/18 | Yearly |

1: The 2014 FELASA recommendations include these agents.

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

**Agent formerly known as CAR bacillus

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Testing Results (continued):

| | Testing | | Tested subject <small>(sentinel, colony animal, environmental, etc.)</small> | Most recent tests | | Historical results | | | |
|---|---------|-----|---|-------------------|--------|--------------------|------------------------------|------------------------------|-------------------|
| | | | | Laboratory | method | Date | No. positives/ No. tested | Collected over 18 months | |
| | | | | | | | | No. positives/ No. tested | Testing frequency |
| Bacteria & Fungi (continued) | | | | | | | | | |
| <i>Klebsiella pneumoniae</i> | CRL | PCR | Environmental | 24-Mar-24 | 0/9 | 0/18 | Yearly | | |
| <i>Lawsonia intracellularis</i> | CRL | PCR | Environmental | 24-Mar-24 | 0/9 | 0/18 | Yearly | | |
| <i>Mycoplasma pulmonis</i> ¹ | CRL | PCR | Environmental | 24-Mar-24 | 0/9 | 0/18 | Yearly | | |
| <i>Rodentibacter heylii</i> ^{1*} | CRL | PCR | Environmental | 24-Mar-24 | 2/9 | 7/26 | Quarterly | | |
| <i>Rodentibacter pneumotropicus</i> ^{1*} | CRL | PCR | Environmental | 24-Mar-24 | 0/9 | 0/26 | Quarterly | | |
| <i>Pseudomonas aeruginosa</i> | CRL | PCR | Environmental | 24-Mar-24 | 0/9 | 0/18 | Yearly | | |
| <i>Pneumocystis murina</i> | CRL | PCR | Environmental | 24-Mar-24 | 0/9 | 0/18 | Yearly | | |
| <i>Salmonella</i> spp. ¹ | CRL | PCR | Environmental | 24-Mar-24 | 0/9 | 0/18 | Yearly | | |
| <i>Staphylococcus aureus</i> | CRL | PCR | Environmental | 24-Mar-24 | 0/9 | 0/18 | Yearly | | |
| <i>Streptobacillus moniliformis</i> ¹ | CRL | PCR | Environmental | 24-Mar-24 | 0/9 | 0/18 | Yearly | | |
| <i>Streptococcus pneumoniae</i> ¹ | CRL | PCR | Environmental | 24-Mar-24 | 0/9 | 0/18 | Yearly | | |

Parasites¹:

Mites

| | | | | | | | |
|-----------------------------|-----|-----|---------------|-----------|-----|------|-----------|
| <i>Myobia musculi</i> | CRL | PCR | Environmental | 24-Mar-24 | 0/9 | 0/26 | Quarterly |
| <i>Myocoptes musculinus</i> | CRL | PCR | Environmental | 24-Mar-24 | 0/9 | 0/26 | Quarterly |
| <i>Radfordia affinis</i> | CRL | PCR | Environmental | 24-Mar-24 | 0/9 | 0/26 | Quarterly |

Pinworms

| | | | | | | | |
|-------------------------------|-----|-----|---------------|-----------|-----|------|-----------|
| <i>Aspiculuris tetraptera</i> | CRL | PCR | Environmental | 24-Mar-24 | 0/9 | 0/26 | Quarterly |
| <i>Syphacia oblevata</i> | CRL | PCR | Environmental | 24-Mar-24 | 0/9 | 0/26 | Quarterly |

Protozoan

| | | | | | | | |
|-----------------------------|-----|-----|---------------|-----------|------------|------|-----------|
| <i>Entamoeba muris</i> | CRL | PCR | Environmental | 24-Mar-24 | 0/9 | 4/26 | Quarterly |
| <i>Giardia muris</i> | CRL | PCR | Environmental | 24-Mar-24 | 0/9 | 0/18 | Yearly |
| <i>Spiroucleus muris</i> | CRL | PCR | Environmental | 24-Mar-24 | 0/9 | 0/26 | Quarterly |
| <i>Tritrichomonas muris</i> | | | | | Not tested | | |

Other parasites

Additional agents for which testing has been performed:

| | | | | | | | |
|-----------------------------|-----|-----|---------------|-----------|-----|------|-----------|
| <i>Leptospira</i> spp. | CRL | PCR | Environmental | 24-Mar-24 | 0/9 | 0/26 | Quarterly |
| <i>Cryptosporidium</i> spp. | CRL | PCR | Environmental | 24-Mar-24 | 0/9 | 0/26 | Quarterly |

Pathology:

Additional comments:

Area contains *Mus* and *Peromyscus* spp. *Helicobacter* spp. enzootically present in the colony: *H. ganmani*, *H. mastomyrinus*, *H. typhlonius*. Regular testing for this pod now includes MuCPV and *Lawsonia intracellularis*.

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**Agent formerly known as CAR bacillus