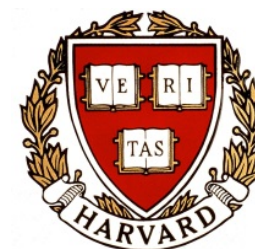


## Health Monitoring Report for Mice

**Institution:** Harvard University Faculty of Arts and Sciences

**Date:** 29 Jun 2016



**Microbiological Entity/Unit**

Building: BRI

Room(s): POD 6: 1601, 1603, 1604, 1607, 1608

**Entity/Unit type** (mark the correct type):

Conventional

**Barrier**

Isolator

Other

**Contact person** (name, e-mail, phone)

Dr. Kathleen Pritchett-Corning, pritchettcorning@fas.harvard.edu, +1 617 384 6642

**Testing Results:**

| Testing Results:                                      |                    |                |                                                | Most recent tests |                              | Historical results           |                       |
|-------------------------------------------------------|--------------------|----------------|------------------------------------------------|-------------------|------------------------------|------------------------------|-----------------------|
|                                                       |                    |                |                                                | Tested subject    |                              | Collected over 18 months     |                       |
|                                                       | Testing Laboratory | Testing method | (sentinel, colony animal, environmental, etc.) | Date              | No. positives/<br>No. tested | No. positives/<br>No. tested | Testing frequency     |
|                                                       |                    |                |                                                |                   |                              |                              |                       |
| Viruses :                                             |                    |                |                                                |                   |                              |                              |                       |
| Ectromelia virus <sup>1</sup>                         | CRL                | PCR            | Environmental                                  | 29-Jun-16         | 0/30                         | 0/141                        | Yearly                |
| Hantaviruses                                          | CRL                | PCR            | Environmental                                  | 29-Jun-16         | 0/30                         | 0/61                         | Yearly                |
| K virus                                               | CRL                | MFIA           | Sentinel                                       | 29-Jun-16         | /                            | 0/80                         | (not testing further) |
| Lactate dehydrogenase elevating virus                 |                    |                |                                                | Not tested        |                              |                              |                       |
| Lymphocytic choriomeningitis virus <sup>1</sup>       | CRL                | PCR            | Environmental                                  | 29-Jun-16         | 0/30                         | 0/141                        | Yearly                |
| Mouse adenovirus (type 1) <sup>1</sup>                | CRL                | PCR            | Environmental                                  | 29-Jun-16         | 0/30                         | 0/141                        | Yearly                |
| Mouse adenovirus (type 2) <sup>1</sup>                | CRL                | PCR            | Environmental                                  | 29-Jun-16         | 0/30                         | 0/141                        | Yearly                |
| Mouse cytomegalovirus                                 |                    |                |                                                | Not tested        |                              |                              |                       |
| Mouse hepatitis virus <sup>1</sup>                    | CRL                | PCR            | Environmental                                  | 29-Jun-16         | 0/30                         | 0/241                        | Quarterly             |
| Mouse norovirus <sup>1</sup>                          | CRL                | PCR            | Environmental                                  | 29-Jun-16         | 20/30                        | 144/241                      | Quarterly             |
| Mouse rotavirus <sup>1</sup>                          | CRL                | PCR            | Environmental                                  | 29-Jun-16         | 0/30                         | 0/241                        | Quarterly             |
| Mouse thymic virus                                    |                    |                |                                                | Not tested        |                              |                              |                       |
| Parvovirus <sup>1</sup>                               | CRL                | PCR            | Environmental                                  | 29-Jun-16         | 0/30                         | 0/241                        | Quarterly             |
| - NS1                                                 | CRL                | MFIA           | Sentinel                                       | 29-Jun-16         | /                            | 0/80                         | (not testing further) |
| - MPV <sup>1</sup>                                    | CRL                | PCR            | Environmental                                  | 29-Jun-16         | 0/30                         | 0/241                        | Quarterly             |
| - MVM <sup>1</sup>                                    | CRL                | PCR            | Environmental                                  | 29-Jun-16         | 0/30                         | 0/241                        | Quarterly             |
| Polyoma virus                                         | CRL                | MFIA           | Sentinel                                       | 29-Jun-16         | /                            | 0/80                         | (not testing further) |
| Pneumonia virus of mice <sup>1</sup>                  | CRL                | PCR            | Environmental                                  | 29-Jun-16         | 0/30                         | 0/141                        | Yearly                |
| Reovirus type 3 <sup>1</sup>                          | CRL                | PCR            | Environmental                                  | 29-Jun-16         | 0/30                         | 0/141                        | Yearly                |
| Sendai virus <sup>1</sup>                             | CRL                | PCR            | Environmental                                  | 29-Jun-16         | 0/30                         | 0/141                        | Yearly                |
| Theiler's murine encephalomyelitis virus <sup>1</sup> | CRL                | PCR            | Environmental                                  | 29-Jun-16         | 0/30                         | 0/241                        | Quarterly             |

**Bacteria & fungi:**

|                                                                         |     |     |               |                    |      |        |        |
|-------------------------------------------------------------------------|-----|-----|---------------|--------------------|------|--------|--------|
| $\beta$ -hemolytic <i>Streptococcus</i> spp. (not group D) <sup>1</sup> | CRL | PCR | Environmental | 29-Jun-16          | 0/30 | 0/141  | Yearly |
| <i>Bordetella bronchiseptica</i>                                        | CRL | PCR | Environmental | 29-Jun-16          | 0/30 | 0/141  | Yearly |
| <i>Bordetella hinzii</i>                                                | CRL | PCR | Environmental | 29-Jun-16          | 0/30 | 0/141  | Yearly |
| Cilia-associated respiratory bacillus                                   | CRL | PCR | Environmental | 29-Jun-16          | 0/30 | 0/61   | Yearly |
| <i>Citrobacter rodentium</i> <sup>1</sup>                               | CRL | PCR | Environmental | 29-Jun-16          | 0/30 | 0/141  | Yearly |
| <i>Clostridium piliforme</i> <sup>1</sup>                               | CRL | PCR | Environmental | 29-Jun-16          | 0/30 | 0/141  | Yearly |
| <i>Corynebacterium kutscheri</i> <sup>1</sup>                           | CRL | PCR | Environmental | 29-Jun-16          | 0/30 | 0/141  | Yearly |
| <i>Helicobacter</i> spp. <sup>1</sup>                                   |     |     |               | Enzootic in colony |      |        |        |
| <i>Klebsiella oxytoca</i>                                               | CRL | PCR | Environmental | 29-Jun-16          | 8/30 | 26/141 | Yearly |

1: The 2014 FELASA recommendations include these agents.

## Health Monitoring Report for Mice

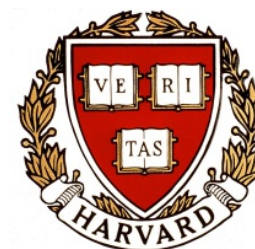
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Building: BRI

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### Testing Results (continued):

| Testing Results (continued):                     |                    |                |                                                | Most recent tests |                              | Historical results           |                       |
|--------------------------------------------------|--------------------|----------------|------------------------------------------------|-------------------|------------------------------|------------------------------|-----------------------|
|                                                  |                    |                |                                                | Tested subject    |                              | Collected over 18 months     |                       |
|                                                  | Testing Laboratory | Testing method | (sentinel, colony animal, environmental, etc.) | Date              | No. positives/<br>No. tested | No. positives/<br>No. tested | Testing frequency     |
| Bacteria (continued)                             |                    |                |                                                |                   |                              |                              |                       |
| <i>Klebsiella pneumoniae</i>                     | CRL                | PCR            | Environmental                                  | 29-Jun-16         | 1/30                         | 9/141                        | Yearly                |
| <i>Mycoplasma pulmonis</i> <sup>1</sup>          | CRL                | PCR            | Environmental                                  | 29-Jun-16         | 0/30                         | 0/141                        | Yearly                |
| <i>Pasteurella pneumotropica</i> <sup>1</sup>    | CRL                | PCR            | Environmental                                  | 29-Jun-16         | 30/30                        | 158/241                      | Quarterly             |
| <i>Pseudomonas aeruginosa</i>                    | CRL                | PCR            | Environmental                                  | 29-Jun-16         | 0/30                         | 0/141                        | Yearly                |
| <i>Pneumocystis murina</i>                       | CRL                | PCR            | Environmental                                  | 29-Jun-16         | 4/30                         | 5/61                         | Yearly                |
| <i>Salmonella</i> spp. <sup>1</sup>              | CRL                | PCR            | Environmental                                  | 29-Jun-16         | 0/30                         | 0/141                        | Yearly                |
| <i>Staphylococcus aureus</i>                     | CRL                | PCR            | Environmental                                  | 29-Jun-16         | 4/30                         | 4/141                        | Yearly                |
| <i>Streptobacillus moniliformis</i> <sup>1</sup> | CRL                | PCR            | Environmental                                  | 29-Jun-16         | 0/30                         | 0/61                         | Yearly                |
| <i>Streptococcus pneumoniae</i> <sup>1</sup>     | CRL                | PCR            | Environmental                                  | 29-Jun-16         | 0/30                         | 0/141                        | Yearly                |
| Parasites <sup>1</sup> :                         |                    |                |                                                |                   |                              |                              |                       |
| Mites                                            |                    |                |                                                |                   |                              |                              |                       |
| <i>Myobia musculi</i>                            | CRL                | PCR            | Environmental                                  | 29-Jun-16         | 0/30                         | 0/241                        | Quarterly             |
| <i>Myocoptes musculinus</i>                      | CRL                | PCR            | Environmental                                  | 29-Jun-16         | 0/30                         | 0/241                        | Quarterly             |
| <i>Radfordia affinis</i>                         | CRL                | PCR            | Environmental                                  | 29-Jun-16         | 0/30                         | 0/241                        | Quarterly             |
| Pinworms                                         |                    |                |                                                |                   |                              |                              |                       |
| <i>Aspiculuris tetraptera</i>                    | CRL                | PCR            | Environmental                                  | 29-Jun-16         | 0/30                         | 0/241                        | Quarterly             |
| <i>Syphacia oblevata</i>                         | CRL                | PCR            | Environmental                                  | 29-Jun-16         | 0/30                         | 0/241                        | Quarterly             |
| Protozoan                                        |                    |                |                                                |                   |                              |                              |                       |
| <i>Entamoeba muris</i>                           | CRL                | PCR            | Environmental                                  | 29-Jun-16         | 10/30                        | 61/241                       | Quarterly             |
| <i>Giardia muris</i>                             | CRL                | PCR            | Environmental                                  | 29-Jun-16         | 0/30                         | 0/141                        | Yearly                |
| <i>Spironucleus muris</i>                        | CRL                | PCR            | Environmental                                  | 29-Jun-16         | 3/30                         | 24/239                       | Quarterly             |
| <i>Tritrichomonas muris</i>                      | CRL                | Direct         | Sentinel                                       | 29-Jun-16         | /                            | 0/80                         | (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. ganmani*, *H. hepaticus*, *H. mastomyrinus*, *H. typhlonius*. *Spironucleus* found via PCR in 1603 and 1604.

1: The 2014 FELASA recommendations include these agents.