



# Research Animal Facility (RAF)

## Health Report

### Area: D1

BARRIER LEVEL

ELEVATED BARRIER

INTERMEDIATE BARRIER

LOW BARRIER

Please consult our website for descriptions of our barrier levels.

### **PATHOGENS AND OTHER ORGANISMS- EXCLUDED FROM ALL BARRIERS (SHIPPING STOPPED)**

If one of these organisms is found in any Research area, all shipments from the area are suspended and customers are notified.\*

Test Results: #positive/#tested

| Organism                                      | Sample Tested      | Test Method | Frequency  | Feb '25 | Nov '24 | Aug '24 | May '24 |
|---|--------------------|-------------|------------|---------|---------|---------|---------|
| <b>VIRUSES</b>                                |                    |             |            |         |         |         |         |
| Ectromelia virus                              | Serum              | MFI         | quarterly  | 0/10    | 0/10    | 0/10    | 0/10    |
| GDVII (Theiler's) virus                       | Serum              | MFI         | quarterly  | 0/10    | 0/10    | 0/10    | 0/10    |
| Hantaan virus                                 | Serum              | MFI         | quarterly  | 0/10    | 0/10    | 0/10    | 0/10    |
| K virus                                       | Serum              | ELISA       | annually   | -       | 0/10    | -       | -       |
| LDH elevating virus (LDEV)                    | Serum              | PCR         | annually   | -       | -       | -       | 0/10    |
| Lymphocytic choriomeningitis (LCMV)           | Serum              | MFI         | quarterly  | 0/10    | 0/10    | 0/10    | 0/10    |
| Mouse adenovirus (MAV)                        | Serum              | MFI         | quarterly  | 0/10    | 0/10    | 0/10    | 0/10    |
| Mouse cytomegalovirus (MCMV)                  | Serum              | MFI         | quarterly  | 0/10    | 0/10    | 0/10    | 0/10    |
| Murine chapparrivirus (MuCPV)                 | Cecum or feces     | PCR         | quarterly  | 0/10    | 0/10    | 0/10    | 0/10    |
| Mouse hepatitis virus (MHV)                   | Serum              | MFI         | quarterly  | 0/10    | 0/10    | 0/10    | 0/10    |
| Mouse minute virus (MMV)                      | Serum              | MFI         | quarterly  | 0/10    | 0/10    | 0/10    | 0/10    |
| Mouse parvovirus (MPV)                        | Serum              | MFI         | quarterly  | 0/10    | 0/10    | 0/10    | 0/10    |
| Mouse parvovirus (MPV)†                       | Lymph node         | PCR         | quarterly  | N/A     | N/A     | N/A     | N/A     |
| Mouse thymic virus (MTV)                      | Serum              | IFA         | biannually | 0/10    | -       | 0/10    | -       |
| Pneumonia virus of mice (PVM)                 | Serum              | MFI         | quarterly  | 0/10    | 0/10    | 0/10    | 0/10    |
| Polyoma virus                                 | Serum              | ELISA       | annually   | -       | 0/10    | -       | -       |
| Reovirus 3 (REO 3)                            | Serum              | MFI         | quarterly  | 0/10    | 0/10    | 0/10    | 0/10    |
| Rotavirus (EDIM)                              | Serum              | MFI         | quarterly  | 0/10    | 0/10    | 0/10    | 0/10    |
| Sendai virus                                  | Serum              | MFI         | quarterly  | 0/10    | 0/10    | 0/10    | 0/10    |
| <b>BACTERIA &amp; MYCOPLASMA</b>              |                    |             |            |         |         |         |         |
| <i>Bordetella</i> spp                         | Oropharynx         | Culture     | quarterly  | 0/10    | 0/10    | 0/10    | 0/10    |
| <i>Citrobacter rodentium</i>                  | Intestine or feces | Culture     | quarterly  | 0/10    | 0/10    | 0/10    | 0/10    |
| <i>Clostridium piliforme</i>                  | Serum              | ELISA       | biannually | -       | 0/10    | -       | 0/10    |
| <i>Corynebacterium bovis</i> †                | Skin               | PCR         | quarterly  | N/A     | N/A     | N/A     | N/A     |
| <i>Corynebacterium kutscheri</i>              | Oropharynx         | Culture     | quarterly  | 0/10    | 0/10    | 0/10    | 0/10    |
| <i>Filobacterium rodentium</i> (CAR bacillus) | Serum              | MFI         | quarterly  | 0/10    | 0/10    | 0/10    | 0/10    |
| <i>Mycoplasma pulmonis</i>                    | Serum              | MFI         | quarterly  | 0/10    | 0/10    | 0/10    | 0/10    |
| <i>Salmonella</i> spp.                        | Intestine or feces | Culture     | quarterly  | 0/10    | 0/10    | 0/10    | 0/10    |
| <i>Streptobacillus moniliformis</i>           | Oropharynx         | Culture     | quarterly  | 0/10    | 0/10    | 0/10    | 0/10    |

[\\*Additional details regarding our health monitoring program and shipping policy.](#)

†The indicated tests are only performed in rooms that house immunodeficient mice.

Test Results: #positive/#tested

| Organism  | Sample Tested      | Test Method | Frequency | Feb '25 | Nov '24 | Aug '24 | May '24 |
|---|--------------------|-------------|-----------|---------|---------|---------|---------|
| <b>PARASITES &amp; PROTOZOA</b>                           |                    |             |           |         |         |         |         |
| <i>Encephalitozoon cuniculi</i>                           | Serum              | MFI         | quarterly | 0/10    | 0/10    | 0/10    | 0/10    |
| Ectoparasites (fleas, lice, mites)                        | Fur                | Visual      | quarterly | 0/10    | 0/10    | 0/10    | 0/10    |
| Endoparasites (tapeworms, pinworms§, and other helminths) | Intestine or cecum | Visual      | quarterly | 0/10    | 0/10    | 0/10    | 0/10    |
| Follicle mites  | Subcutis           | Visual      | quarterly | 0/10    | 0/10    | 0/10    | 0/10    |

### OPPORTUNISTIC ORGANISMS MONITORED (SHIPPING NOT STOPPED)

All of these organisms are excluded from **elevated barriers** and most are excluded from **intermediate barriers**, but some of these organisms are currently tolerated in **low barrier** areas. When an excluded organism is found, an investigation is undertaken to identify and eliminate all infected mice from the barrier. Positive results- including results from investigations- are noted in this report, but shipping from the area is not suspended.\*

| Organism   | Sample Tested                   | Test Method | Frequency | Feb '25 | Nov '24 | Aug '24 | May '24 |
|--|---------------------------------|-------------|-----------|---------|---------|---------|---------|
| <i>Helicobacter</i> spp.   | Intestine or feces              | PCR         | quarterly | 0/10    | 0/10    | 0/10    | 0/10    |
| <i>Klebsiella pneumoniae</i>                                       | Oropharynx, intestine, or feces | Culture     | quarterly | 0/10    | 0/10    | 0/10    | 0/10    |
| <i>Klebsiella oxytoca</i>  | Oropharynx, intestine, or feces | Culture     | quarterly | 0/10    | 0/10    | 0/10    | 0/10    |
| Mouse norovirus (MNV)  | Serum                           | MFI         | quarterly | 0/10    | 0/10    | 0/10    | 0/10    |
| Protozoa (e.g., Giardia, Spironucleus, etc.)                       | Intestine                       | Microscopy  | quarterly | 0/10    | 0/10    | 0/10    | 0/10    |
| <i>Pasteurella multocida</i>                                       | Oropharynx                      | Culture     | quarterly | 0/10    | 0/10    | 0/10    | 0/10    |
| <i>Rodentibacter pneumotropicus</i> / <i>Rodentibacter heyltii</i> | Oropharynx                      | Culture     | quarterly | 0/10    | 0/10    | 0/10    | 0/10    |
| <i>Pneumocystis murina</i> †                                       | Lung                            | PCR         | quarterly | N/A     | N/A     | N/A     | N/A     |
| <i>Proteus mirabilis</i>   | Oropharynx, intestine, or feces | Culture     | quarterly | 0/10    | 0/10    | 0/10    | 0/10    |
| <i>Pseudomonas aeruginosa</i>                                      | Oropharynx, intestine, or feces | Culture     | quarterly | 0/10    | 0/10    | 0/10    | 0/10    |
| <i>Staphylococcus aureus</i>                                       | Oropharynx                      | Culture     | quarterly | 0/10    | 0/10    | 0/10    | 0/10    |
| <i>Streptococcus pneumoniae</i>                                    | Oropharynx                      | Culture     | quarterly | 0/10    | 0/10    | 0/10    | 0/10    |
| Beta-hemolytic <i>Streptococcus</i> spp. (non-group D)             | Oropharynx                      | Culture     | quarterly | 0/10    | 0/10    | 0/10    | 0/10    |
| Trichomonads   | Intestine                       | Microscopy  | quarterly | 0/10    | 0/10    | 0/10    | 0/10    |

†The indicated tests are only performed in rooms that house immunodeficient mice.

§ Testing for this organisms is also performed by PCR

All tests were performed by The Jackson Laboratory

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