

# PRODUCTION FACILITY

## AREA: M3-3

### ANIMAL HEALTH REPORT

**Date: 03/12/25**

**Result Summary**

Data added March 2025

Current positive results are in **bold**.

See data below.

This report summarizes the results of tests performed on dirty bedding sentinels, retired breeders and young colony mice from barrier-maintained production area M3 Room 3 at UC Davis, CA. Data are reported as positive tests / total tests performed. Please contact the MBP at 530-757-3333 or email [mbp@ucdavis.edu](mailto:mbp@ucdavis.edu) with questions about this report or animal health related issues.



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| Organism                                                                                                                                                                                                              | Sample                        | Test Method       | Feb'25     | Nov'24     | Aug'24     | May'24     | Feb'24     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------------|------------|------------|------------|------------|------------|
| <b>VIRUSES</b>                                                                                                                                                                                                        |                               |                   |            |            |            |            |            |
| Ectromelia virus                                                                                                                                                                                                      | Serum                         | MFI/ ELISA        | 0/4        | 0/4        | 0/4        | 0/4        | 0/4        |
| GDVII (Theiler's) virus                                                                                                                                                                                               | Serum                         | MFI/ ELISA        | 0/4        | 0/4        | 0/4        | 0/4        | 0/4        |
| K virus                                                                                                                                                                                                               | Serum                         | ELISA             | 0/4        | 0/4        | 0/4        | 0/4        | 0/4        |
| Korean hemorrhagic fever (Hantaan)                                                                                                                                                                                    | Serum                         | ELISA             | 0/4        | 0/4        | 0/4        | 0/4        | 0/4        |
| Lactic dehydrogenase elevating virus                                                                                                                                                                                  | Serum                         | Enzyme            | 0/4        | 0/4        | 0/4        | 0/4        | 0/4        |
| Lymphocytic choriomeningitis (LCMV)                                                                                                                                                                                   | Serum                         | MFI/ ELISA        | 0/4        | 0/4        | 0/4        | 0/4        | 0/4        |
| Minute virus of mice (MVM)                                                                                                                                                                                            | Serum                         | MFI/ ELISA        | 0/4        | 0/4        | 0/4        | 0/4        | 0/4        |
| Mouse adenovirus of mice (MadV)                                                                                                                                                                                       | Serum                         | MFI/ ELISA        | 0/4        | 0/4        | 0/4        | 0/4        | 0/4        |
| Mouse cytomegalovirus (MCMV)                                                                                                                                                                                          | Serum                         | ELISA             | 0/4        | 0/4        | 0/4        | 0/4        | 0/4        |
| Mouse hepatitis virus (MHV)                                                                                                                                                                                           | Serum<br>Feces                | MFI/ ELISA<br>PCR | 0/4<br>0/8 | 0/4<br>0/8 | 0/4<br>0/8 | 0/4<br>0/8 | 0/4<br>0/8 |
| Mouse parvovirus (MPV)                                                                                                                                                                                                | Serum<br>Mes LN               | ELISA<br>PCR      | 0/4<br>0/8 | 0/4<br>0/8 | 0/4<br>0/8 | 0/4<br>0/8 | 0/4<br>0/8 |
| Mouse thymic virus (MTV)                                                                                                                                                                                              | Serum                         | IFA               | 0/4        | 0/4        | 0/4        | 0/4        | 0/4        |
| Pneumonia virus of mice (PVM)                                                                                                                                                                                         | Serum                         | MFI/ ELISA        | 0/4        | 0/4        | 0/4        | 0/4        | 0/4        |
| Polyoma virus                                                                                                                                                                                                         | Serum                         | ELISA             | 0/4        | 0/4        | 0/4        | 0/4        | 0/4        |
| Reovirus 3 (REO 3)                                                                                                                                                                                                    | Serum                         | MFI/ ELISA        | 0/4        | 0/4        | 0/4        | 0/4        | 0/4        |
| Rotavirus (EDIM)                                                                                                                                                                                                      | Serum                         | MFI/ ELISA        | 0/4        | 0/4        | 0/4        | 0/4        | 0/4        |
| Sendai virus                                                                                                                                                                                                          | Serum                         | MFI/ ELISA        | 0/4        | 0/4        | 0/4        | 0/4        | 0/4        |
| Murine norovirus (MNV)                                                                                                                                                                                                | Serum                         | MFI/ ELISA        | 0/4        | 0/4        | 0/4        | 0/4        | 0/4        |
| <b>BACTERIA &amp; MYCOPLASMA</b>                                                                                                                                                                                      |                               |                   |            |            |            |            |            |
| CAR bacillus                                                                                                                                                                                                          | Serum                         | ELISA             | 0/4        | 0/4        | 0/4        | 0/4        | 0/4        |
| <i>Klebsiella</i> species                                                                                                                                                                                             | Trachea/Naso                  | Culture           | 0/4        | 0/4        | 0/4        | 0/4        | 0/4        |
| <i>Pasteurella pneumotropica</i>                                                                                                                                                                                      | Trachea/Naso                  | Culture           | 0/4        | 0/4        | 0/4        | 0/4        | 0/4        |
| <i>Staphylococcus aureus</i>                                                                                                                                                                                          | Trachea/Naso                  | Culture           | 0/4        | 0/4        | 0/4        | 0/4        | 0/4        |
| <i>Corynebacterium bovis</i>                                                                                                                                                                                          | Trachea/Naso/Skin<br>Skin/Fur | Culture<br>PCR    | 0/4        | 0/4        | 0/4        | 0/4        | 0/4        |
| Other respiratory bacteria, including:<br><i>Bordetella bronchiseptica</i><br><i>Corynebacterium kutscheri</i><br><i>Pasteurella multocida</i><br><i>Streptobacillus moniliformis</i><br><i>Streptococcus</i> species | Trachea/Naso                  | Culture           | 0/4        | 0/4        | 0/4        | 0/4        | 0/4        |
| <i>Mycoplasma pulmonis</i>                                                                                                                                                                                            | Serum                         | MFI/ ELISA        | 0/4        | 0/4        | 0/4        | 0/4        | 0/4        |

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| Organism                                                                                                                                                | Sample          | Test Method   | Feb'25     | Nov'24     | Aug'24     | May'24     | Feb'24     |
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| <b>BACTERIA &amp; MYCOPLASMA</b><br><b>Continued</b>                                                                                                    |                 |               |            |            |            |            |            |
| Intestinal bacteria, including:<br><i>Citrobacter rodentium</i><br><i>Klebsiella</i> species<br><i>Pseudomonas</i> species<br><i>Salmonella</i> species | Intestine/Feces | Culture       | 0/4        | 0/4        | 0/4        | 0/4        | 0/4        |
| <i>Clostridium (Bacillus) piliforme</i>                                                                                                                 | Serum           | ELISA         | 0/4        | 0/4        | 0/4        | 0/4        | 0/4        |
| <i>Helicobacter</i> species<br><i>H. hepaticus</i><br><i>H. bilis</i><br><i>H. rodentium</i><br><i>H. typhlonius</i>                                    | Intestine/Feces | PCR           | 0/8        | 0/8        | 0/8        | 0/8        | 0/8        |
| <b>PARASITES &amp; PROTOZOA</b>                                                                                                                         |                 |               |            |            |            |            |            |
| Fleas, fur mites, lice                                                                                                                                  | Fur<br>Skin/Fur | Visual<br>PCR | 0/4<br>-   | 0/4<br>0/4 | 0/4<br>-   | 0/4<br>0/4 | 0/4<br>-   |
| Follicle mites<br>( <i>Psorergates simplex</i> )                                                                                                        | Subcutis        | Visual        | 0/4        | 0/4        | 0/4        | 0/4        | 0/4        |
| Pinworms, e.g., <i>Syphacia</i> species                                                                                                                 | Cecum<br>Feces  | Visual<br>PCR | 0/4<br>0/4 | 0/4<br>-   | 0/4<br>0/4 | 0/4<br>-   | 0/4<br>0/4 |
| Roundworms and other helminths                                                                                                                          | Intestine       | Visual        | 0/4        | 0/4        | 0/4        | 0/4        | 0/4        |
| Tapeworms, e.g.,<br><i>Hymenolepis</i> species                                                                                                          | Intestine       | Visual        | 0/4        | 0/4        | 0/4        | 0/4        | 0/4        |
| Trichomonads                                                                                                                                            | Intestine       | Microscopic   | 0/4        | 0/4        | 0/4        | 0/4        | 0/4        |
| Other intestinal protozoa, including:<br><i>Spironucleus muris</i><br><i>Giardia muris</i><br>Amoebae                                                   | Intestine       | Microscopic   | 0/4        | 0/4        | 0/4        | 0/4        | 0/4        |
| <b>SPOROZOA &amp; FUNGI</b>                                                                                                                             |                 |               |            |            |            |            |            |
| <i>Encephalitozoon cuniculi</i>                                                                                                                         | Serum           | ELISA         | 0/4        | 0/4        | 0/4        | 0/4        | 0/4        |
| <i>Pneumocystis murina</i> **                                                                                                                           | Lung            | PCR           | 0/4        | 0/4        | 0/4        | 0/4        | 0/4        |

The M3 area is an 18 room, barrier-maintained production building located on the campus of the University of California, Davis. Colonies of mice have been established by embryo transfer derivation into the M3 importation facility (Room 12)

\*\*This test is done only in rooms where severely immunodeficient mice are housed.