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 13 at UC Davis, CA. Data are reported as positive tests / total tests performed. Please contact the MMRRC at 530-754-6677 or email mmrrc@ucdavis.edu with questions about this report or animal health related issues.

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**VIRUSES**
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 | MFI/ ELISA | 0/4 | 0/4 | 0/4 | 0/4 | 0/4
        | Feces | PCR | 0/8 | 0/8 | 0/8 | 0/8 | 0/8
Mouse parvovirus (MPV) | Serum | ELISA | 0/4 | 0/4 | 0/4 | 0/4 | 0/4
        | Mes LN | PCR | 0/8 | 0/8 | 0/8 | 0/8 | 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
**BACTERIA & MYCOPLASMA**
CAR bacillus | Serum | ELISA | 0/4 | 0/4 | 0/4 | 0/4 | 0/4
Klebsiella species | Trachea/Naso | Culture | 0/4 | 0/4 | 0/4 | 0/4 | 0/4
Pasturella pneumotropica | Trachea/Naso | Culture | 0/4 | 0/4 | 0/4 | 0/4 | 0/4
Staphylococcus aureus | Trachea/Naso | Culture | 0/4 | 0/4 | 0/4 | 0/4 | 0/4
Corynebacterium bovis | Trachea/Naso/Skin Skin/Fur | Culture PCR | 0/4 | 0/4 | 0/4 | 0/4 | 0/4
Other respiratory bacteria, including:
Bordetella bronchiseptica
Corynebacterium kutscheri
Pasturella multocida
Streptobacillus moniliformis
Streptococcus species
        | Trachea/Naso | Culture | 0/4 | 0/4 | 0/4 | 0/4 | 0/4
Mycoplasma pulmonis | Serum | MFI/ ELISA | 0/4 | 0/4 | 0/4 | 0/4 | 0/4
### Production Facility

**Area: UCD-M3-13**  
**Rodent Health Surveillance**

<table>
<thead>
<tr>
<th>Organism</th>
<th>Sample</th>
<th>Test Method</th>
<th>Oct '23</th>
<th>Jul '23</th>
<th>Apr '23</th>
<th>Jan '23</th>
<th>Oct '22</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bacteria &amp; Mycoplasma</strong> Continued</td>
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</tbody>
</table>
| Intestinal bacteria, including: *Citrobacter rodentium*  
*Klebsiella* species  
*Pseudomonas* species  
*Salmonella* species | Intestine/Feces | Culture | 0/4 | 0/4 | 0/4 | 0/4 | 0/4 |
| *Clostridium (Bacillus) piliforme* | Serum | ELISA | 0/4 | 0/4 | 0/4 | 0/4 | 0/4 |
| *Helicobacter* species  
*H. hepaticus*  
*H. bilis*  
*H. rodentium*  
*H. typhlonius* | Intestine/Feces | PCR | 0/8 | 0/8 | 0/8 | 0/8 | 0/8 |
| **Parasites & Protozoa** | | | | | | | |
| Fleas, fur mites, lice | Fur  
Skin/Fur | Visual  
PCR | 0/4 | 0/4 | 0/4 | 0/4 | 0/4 |
| Follicle mites  
(*Psorergates simplex*) | Subcutis | Visual | 0/4 | 0/4 | - | 0/4 | 0/4 |
| Pinworms, e.g., *Syphacia* species | Cecum  
Feces | Visual  
PCR | 0/4 | 0/4 | 0/4 | 0/4 | 0/4 |
| Roundworms and other helminths | Intestine | Visual | 0/4 | 0/4 | 0/4 | 0/4 | 0/4 |
| Tapeworms, e.g., *Hymenolepis* 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: *Spironucleus muris*  
*Giardia muris*  
Amoebae | Intestine | Microscopic | 0/4 | 0/4 | 0/4 | 0/4 | 0/4 |
| **Sporozoa & Fungi** | | | | | | | |
| *Encephalitozoon cuniculi* | Serum | ELISA | 0/4 | 0/4 | 0/4 | 0/4 | 0/4 |
| *Pneumocystis murina** | 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.**