

# PRODUCTION FACILITY

## AREA: M3-2

### ANIMAL HEALTH REPORT

**Date: 02/28/24**  
**Result Summary**  
 Data added February 2024  
 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 2 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.



Kristin N. Grimsrud, D.V.M., Ph.D.  
 Associate Director of Vivaria and Veterinary Care, Mouse Biology Program  
 University of California, Davis

Organism	Sample	Test Method	Feb'24	Oct '23	Jul '23	Apr '23	Jan '23
<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 Feces	MFI/ ELISA PCR	0/4 0/8	0/4 0/8	0/4 0/8	0/4 0/8	0/4 0/8
Mouse parvovirus (MPV)	Serum Mes LN	ELISA PCR	0/4 0/8	0/4 0/8	0/4 0/8	0/4 0/8	0/4 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 Skin/Fur	Culture PCR	0/4	0/4	0/4	0/4	0/4
Other respiratory bacteria, including: <i>Bordetella bronchiseptica</i> <i>Corynebacterium kutscheri</i> <i>Pasteurella multocida</i> <i>Streptobacillus moniliformis</i> <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

**PRODUCTION FACILITY**  
**AREA: M3-2**  
**ANIMAL HEALTH REPORT**

**Date: 02/28/24**  
**Result Summary**  
Data added February 2024  
Current positive results are in **bold**.  
See data below.

Organism	Sample	Test Method	Feb '24	Oct '23	Jul '23	Apr '23	Jan '23
<b>BACTERIA &amp; MYCOPLASMA</b>							
<b>Continued</b>							
Intestinal bacteria, including: <i>Citrobacter rodentium</i> <i>Klebsiella</i> species <i>Pseudomonas</i> species <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 <i>H. hepaticus</i> <i>H. bilis</i> <i>H. rodentium</i> <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 Skin/Fur	Visual PCR	0/4 -	0/4 0/4	0/4 -	0/4 0/4	0/4 -
Follicle mites ( <i>Psorergates simplex</i> )	Subcutis	Visual	0/4	0/4	0/4	0/4	0/4
Pinworms, e.g., <i>Syphacia</i> species	Cecum Feces	Visual PCR	0/4 0/4	0/4 -	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., <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: <i>Spiroucleus muris</i> <i>Giardia muris</i> 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.