



**PRODUCTION FACILITY**  
**AREA: UCD-M3-6**  
**RODENT HEALTH SURVEILLANCE**

**Date: 01/18/22**  
**Result Summary**  
**MMRRC Basic Profile**  
 Data added September 2021  
 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 6 at UC Davis, CA. Data are reported as positive tests / total tests performed. Please contact the MMRRC at 530-754-6677 or email <mailto:mmrrc@ucdavis.edu> with questions about this report or animal health related issues.

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Organism	Sample	Test Method	Sept'21	May 21	May 21	Mar'21	Dec'20	Sept'20
<b>VIRUSES</b>								
Ectromelia virus	Serum	MFI/ ELISA	0/4	0/6	0/6	0/8	0/6	0/8
GDVII (Theiler's) virus	Serum	MFI/ ELISA	0/4	0/6	0/6	0/8	0/6	0/8
K virus	Serum	ELISA	0/4	0/2	0/2	0/8	0/2	0/2
Korean hemorrhagic fever (Hantaan)	Serum	ELISA	0/4	0/2	0/2	0/8	0/2	0/8
Lactic dehydrogenase elevating virus	Serum	Enzyme	0/4	0/2	0/2	0/8	0/2	0/2
Lymphocytic choriomeningitis (LCMV)	Serum	MFI/ ELISA	0/4	0/2	0/2	0/8	0/2	0/8
Minute virus of mice (MVM)	Serum	MFI/ ELISA	0/4	0/6	0/6	0/8	0/6	0/8
Mouse adenovirus of mice (MadV)	Serum	MFI/ ELISA	0/4	0/2	0/2	0/8	0/2	0/8
Mouse cytomegalovirus (MCMV)	Serum	ELISA	0/4	0/2	0/2	0/8	0/2	0/8
Mouse hepatitis virus (MHV)	Serum Feces	MFI/ ELISA PCR	0/4 0/8	0/6 0/2	0/6 0/2	0/8 0/4	0/6 0/2	0/8 0/8
Mouse parvovirus (MPV)	Serum Mes LN	ELISA PCR	0/4 0/8	0/6 0/6	0/6 0/6	0/8 0/8	0/6 0/6	0/8 0/8
Mouse thymic virus (MTV)	Serum	IFA	0/4	0/2	0/2	0/8	0/2	0/8
Pneumonia virus of mice (PVM)	Serum	MFI/ ELISA	0/4	0/6	0/6	0/8	0/6	0/8
Polyoma virus	Serum	ELISA	0/4	0/2	0/2	0/8	0/2	0/4
Reovirus 3 (REO 3)	Serum	MFI/ ELISA	0/4	0/2	0/2	0/8	0/2	0/8
Rotavirus (EDIM)	Serum	MFI/ ELISA	0/4	0/6	0/6	0/8	0/6	0/8
Sendai virus	Serum	MFI/ ELISA	0/4	0/6	0/6	0/8	0/6	0/8
Murine norovirus (MNV)	Serum	MFI/ ELISA	0/4	0/6	0/6	0/8	0/6	0/8
<b>BACTERIA &amp; MYCOPLASMA</b>								
CAR bacillus	Serum	ELISA	0/4	0/2	0/2	0/8	0/2	0/8
<i>Klebsiella</i> species	Trachea/Naso	Culture	0/4	0/10	0/10	0/12	0/8	0/12
<i>Pasteurella pneumotropica</i>	Trachea/Naso	Culture	0/4	0/10	0/10	0/12	0/8	0/12
<i>Staphylococcus aureus</i>	Trachea/Naso	Culture	0/4	0/10	0/10	0/12	0/8	0/12
<i>Corynebacterium bovis</i>	Trachea/Naso/Skin Skin/Fur	Culture PCR	0/4 0/4	<b>3/10</b> <b>8/10</b>	<b>3/10</b> <b>8/10</b>			
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	0/10	0/10	0/12	0/8	0/12
<i>Mycoplasma pulmonis</i>	Serum	MFI/ ELISA	0/4	0/6	0/6	0/8	0/6	0/8

Organism	Sample	Test Method	Sept 21	May 21	Mar'21	Dec'20	Sept'20
<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	0/10	0/12	0/8	0/12
<i>Clostridium (Bacillus) piliforme</i>	Serum	ELISA	0/4	0/6	0/8	0/6	0/8
<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	0/10	0/12	0/8	0/12
<b>PARASITES &amp; PROTOZOA</b>							
Fleas, fur mites, lice	Fur Skin/Fur	Visual PCR	0/4 0/4	0/10 -	0/12 0/4	0/8 -	0/12 0/4
Follicle mites ( <i>Psorergates simplex</i> )	Subcutis	Visual	0/4	0/10	0/12	0/8	0/12
Pinworms, e.g., <i>Syphacia</i> species	Cecum Feces	Visual PCR	0/4 -	0/10 0/4	0/12 -	0/8 -	0/12
Roundworms and other helminths	Intestine	Visual	0/4	0/10	0/12	0/8	0/12
Tapeworms, e.g., <i>Hymenolepis</i> species	Intestine	Visual	0/4	0/10	0/12	0/8	0/12
Trichomonads	Intestine	Microscopic	0/4	0/10	0/12	0/8	0/12
Other intestinal protozoa, including: <i>Spironucleus muris</i> <i>Giardia muris</i> Amoebae	Intestine	Microscopic	0/4	0/10	0/12	0/8	0/12
<b>SPOROZOA &amp; FUNGI</b>							
<i>Encephalitozoon cuniculi</i>	Serum	ELISA	0/4	0/2	0/8	0/2	0/8
<i>Pneumocystis murina</i> **	Lung	PCR	0/4	0/6	0/8	0/4	0/8

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 1).

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