MMRRC
Mutant Mouse Regional Resource Centers
supported by NIH

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

Date: 06/18/25
Result Summary
MMRRC Basic Profile
Data added June 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 6 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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Organism	Sample	Test Method	May 25'	Feb'25	Nov'24	Aug'24	May'24
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 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
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
Pasteurella 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/Ski Skin/Fur	Culture PCR	0/4 -	0/4 -	0/4 -	0/4 -	0/4 -
Other respiratory bacteria, including: *Bordetella bronchiseptica* *Corynebacterium kutscheri* *Pasteurella 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

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Organism	Sample	Test Method	May 25'	Feb'25	Nov'24	Aug'24	May'24
BACTERIA & MYCOPLASMA Continued							
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	0/4 -	0/4 0/4
Follicle mites (*Psorergates simplex*)	Subcutis	Visual	0/4	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 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.