

This report summarizes the cumulative results of tests performed on dirty bedding sentinels from Room 112 MBP at UC Davis, CA. Note data are reported as positive tests / total tests performed. Please contact the Mouse Biology Program at 530-757-3333 or email 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	Jun '17	Sep '17	Dec '17	Mar '18	Jun '18	Sept '18
VIRUSES								
Ectromelia virus	Serum	MFI/ELISA	0/49	0/32	0/26	0/48	0/24	0/24
GDVII (Theiler's) virus	Serum	MFI/ELISA	0/49	0/32	0/26	0/48	0/24	0/24
Lymphocytic choriomeningitis (LCMV)	Serum	MFI/ELISA	0/49	0/32	0/26	0/48	0/24	0/24
Minute virus of mice (MVM)	Serum	MFI/ELISA	0/49	0/32	0/26	0/48	0/24	0/24
Mouse adenovirus of mice (MAV 1 & 2)	Serum	MFI/ELISA	0/49	0/32	0/26	0/48	0/24	0/24
Mouse hepatitis virus (MHV)	Serum	MFI/ELISA	0/49	0/32	0/26	0/48	0/24	0/24
Mouse parvovirus (MPV)	Serum/ LN*	ELISA PCR	0/49 0/94	0/32 0/64	0/26 0/40	0/24 0/48	0/24 0/48	0/24 0/45
Pneumonia virus of mice (PVM)	Serum	ELISA	0/49	0/32	0/26	0/48	0/24	0/24
Reovirus 3 (REO 3)	Serum	ELISA	0/49	0/32	0/26	0/48	0/24	0/24
Rotavirus (EDIM)	Serum	ELISA	0/49	0/32	0/26	0/48	0/24	0/24
Sendai virus	Serum	ELISA	0/49	0/32	0/26	0/48	0/24	0/24
Murine norovirus (MNV)	Serum	ELISA	0/49	0/32	0/26	0/48	0/24	0/24
BACTERIA & MYCOPLASMA								
<i>Klebsiella</i> species	Nasopharynx	Culture	0/49	0/32	0/26	1/48 (K. oxytoca)	0/24	0/24
<i>Pasteurella pneumotropica</i>	Nasopharynx	Culture	0/49	0/32	0/26	0/48	0/24	0/24
<i>Staphylococcus aureus</i>	Nasopharynx	Culture	0/49	0/32	0/26	0/48	0/24	0/24
Other respiratory bacteria, including: <i>Bordetella bronchiseptica</i> <i>Corynebacterium kutscheri</i> <i>Pasteurella multocida</i> <i>Streptobacillus moniliformis</i> <i>Streptococcus, β hemolytic</i>	Nasopharynx	Culture	0/49	0/32	0/26	0/48	0/24	0/24
<i>Mycoplasma arthritidis</i> <i>Mycoplasma pulmonis</i>	Serum	ELISA	0/49	0/32	0/26	0/48	0/24	0/24
Intestinal bacteria, including: <i>Citrobacter rodentium</i> <i>Klebsiella</i> species <i>Pseudomonas</i> species <i>Salmonella</i> species	Intestine	Culture	0/49	1/64 (K. Oxytoca)	2/26 (K. Oxytoca)	1/48 (Psuedo. sp) 3/48 (K. oxytoca)	0/24	0/24
Helicobacter species <i>H. hepaticus</i>	Intestine/Feces	PCR	0/94	0/64	0/40	0/48	0/48	0/45

Organism	Sample	Test Method	Jun '17	Sep '17	Dec '17	Mar '18	Jun '18	Sep '18
<i>H. bilis</i> <i>H. rodentium</i> <i>H. typhlonius</i>								
PARASITES & PROTOZOA								
Fleas, fur mites, lice	Fur	Micro	0/49	0/32	0/26	0/24	0/24	0/24
Fur Mites	Fur/ Bedding	PCR	N/A	0/32	0/26	0/18	NT**	0/24
Follicle mites (<i>Psorergates simplex</i>)	Subcutis	Visual	0/49	0/32	0/26	0/48	0/24	0/24
Pinworms, e.g., <i>Syphacia</i> species	Cecum	Visual	0/49	0/32	0/26	0/48	0/24	0/24
Roundworms and other helminths	Intestine	Visual	0/49	0/32	0/26	0/48	0/24	0/24
Tapeworms, e.g., <i>Hymenolepis</i> species	Intestine	Visual	0/49	0/32	0/26	0/48	0/24	0/24
Trichomonads	Intestine	Micro	0/49	0/32	0/26	0/48	0/24	0/24
Other intestinal protozoa, including: <i>Spiroucleus muris</i> <i>Giardia muris</i>	Intestine	Micro	0/49	0/32	0/26	0/48	0/24	0/24

*LN = Lymph Node

The MBP 2nd Street Facility area is a 7-room, conventional production building located at the University of California, Davis.