

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.



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Organism	Sample	Test Method	Dec '18	Mar '19	Jun '19	Sep '19	Dec '19	Current as of 01/28/20
VIRUSES								
Ectromelia virus	Serum	MFI/ELISA	0/24	0/24	0/25	0/30	0/33	0/18
GDVII (Theiler's) virus	Serum	MFI/ELISA	0/24	0/24	0/25	0/30	0/33	0/18
Lymphocytic choriomeningitis (LCMV)	Serum	MFI/ELISA	0/24	0/24	0/25	0/30	0/33	0/18
Minute virus of mice (MVM)	Serum	MFI/ELISA	0/24	0/24	0/25	0/30	0/33	0/18
Mouse adenovirus of mice (MAV 1 & 2)	Serum	MFI/ELISA	0/24	0/24	0/25	0/30	0/33	0/18
Mouse hepatitis virus (MHV)	Serum	MFI/ELISA	0/24	0/24	0/25	0/30	0/33	0/18
Mouse parvovirus (MPV)	Serum/ LN ¹	ELISA PCR	0/24 0/46	0/24 0/48	0/25 0/48	0/30 0/59	0/33 0/63	0/18 0/36
Pneumonia virus of mice (PVM)	Serum	ELISA	0/24	0/24	0/25	0/30	0/33	0/18
Reovirus 3 (REO 3)	Serum	ELISA	0/24	0/24	0/25	0/30	0/33	0/18
Rotavirus (EDIM)	Serum	ELISA	0/24	0/24	0/25	0/30	0/33	0/18
Sendai virus	Serum	ELISA	0/24	0/24	0/25	0/30	0/33	0/18
Murine norovirus (MNV)	Serum	ELISA	0/24	0/24	0/25	0/30	0/33	0/18
Mouse Kidney Parvo Virus (MKPV)	Kidney	PCR		0/30	0/25	0/37	0/33	NT ³
BACTERIA & MYCOPLASMA								
<i>Klebsiella</i> species	Nasopharynx	Culture	0/24	0/24	0/25	0/30	0/33	0/18
<i>Pasteurella pneumotropica</i>	Nasopharynx	Culture	0/24	0/24	0/25	0/30	0/33	0/18
<i>Staphylococcus aureus</i>	Nasopharynx	Culture	0/24	0/24	0/25	0/30	0/33	0/18
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	0/24	0/24	0/25	0/30	0/33	0/18
<i>Mycoplasma arthritidis</i> <i>Mycoplasma pulmonis</i>	Serum	ELISA	0/24	0/24	0/25	0/30	0/33	0/18
Intestinal bacteria, including: <i>Citrobacter rodentium</i> <i>Klebsiella</i> species <i>Pseudomonas</i> species <i>Salmonella</i> species	Intestine	Culture	1/24 (<i>K. Oxytoca</i>)	0/24	0/25	2/30 (<i>P. putida</i>)	0/33	2/18 (<i>P. putida</i>)

Date: 01/28/20
Result Summary
Data added January 2020
Current positive results are in **bold**.
See data below.

Organism	Sample	Test Method	Dec '18	Mar '19	Jun '19	Sep '19	Dec '19	Current as of 01/28/20
BACTERIA & MYCOPLASMA								
Helicobacter species <i>H. hepaticus</i> <i>H. bilis</i> <i>H. rodentium</i> <i>H. typhlonius</i>	Intestine/Feces	PCR	0/48	0/48	0/48	0/42	0/64	0/36
PARASITES & PROTOZOA								
Fleas, fur mites, lice	Fur	Micro	0/24	0/24	0/25	0/31	0/33	0/18
Fur Mites	Fur/ Bedding	PCR	NT ²	0/22	0/6	0/22	0/10	0/18
Follicle mites <i>(Psorergates simplex)</i>	Subcutis	Visual	0/24	0/24	0/25	0/31	0/33	0/18
Pinworms, e.g., <i>Syphacia</i> species	Cecum	Visual	0/24	0/24	0/25	0/31	0/33	0/18
Roundworms and other helminths	Intestine	Visual	0/24	0/24	0/25	0/31	0/33	0/18
Tapeworms, e.g., <i>Hymenolepis</i> species	Intestine	Visual	0/24	0/24	0/25	0/31	0/33	0/18
Trichomonads	Intestine	Micro	0/24	0/24	0/25	0/31	0/33	0/18
Other intestinal protozoa, including: <i>Spironucleus muris</i> <i>Giardia muris</i>	Intestine	Micro	0/24	0/24	0/25	0/31	0/33	0/18

¹LN = Lymph Node

²NT = Not Tested. Fur mice PCR screening is performed on a semi-annual basis.

³NT = Not Tested. Mouse Kidney Parvo Virus (MKPV) screening was performed quarterly in 2019 per campus directive.

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