

This report summarizes the cumulative results of tests performed on dirty bedding sentinels from MBP Room 110 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](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	Dec '18	Mar '19	Jun '19	Sep '19	Dec '19	Current through 02/04/20
<b>VIRUSES</b>								
Ectromelia virus	Serum	MFI/ELISA	0/10	0/10	0/10	0/10	0/12	0/2
GDVII (Theiler's) virus	Serum	MFI/ELISA	0/10	0/10	0/10	0/10	0/12	0/2
Lymphocytic choriomeningitis (LCMV)	Serum	MFI/ELISA	0/10	0/10	0/10	0/10	0/12	0/2
Minute virus of mice (MVM)	Serum	MFI/ELISA	0/10	0/10	0/10	0/10	0/12	0/2
Mouse adenovirus of mice (MAV 1 & 2)	Serum	MFI/ELISA	0/10	0/10	0/10	0/10	0/12	0/2
Mouse hepatitis virus (MHV)	Serum/ Feces	MFI/ELISA PCR	0/10 0/20	0/10 0/19	0/10 0/20	0/10 0/19	0/12 0/24	0/2 0/4
Mouse parvovirus (MPV)	Serum/ LN <sup>1</sup>	ELISA PCR	0/10 0/20	0/10 0/19	0/10 0/20	0/10 0/19	0/12 0/24	0/2 0/4
Pneumonia virus of mice (PVM)	Serum	ELISA	0/10	0/10	0/10	0/10	0/12	0/2
Reovirus 3 (REO 3)	Serum	ELISA	0/10	0/10	0/10	0/10	0/12	0/2
Rotavirus (EDIM)	Serum	ELISA	0/10	0/10	0/10	0/10	0/12	0/2
Sendai virus	Serum	ELISA	0/10	0/10	0/10	0/10	0/12	0/2
Murine norovirus (MNV)	Serum	ELISA	0/10	0/10	0/10	0/10	0/12	0/2
LDHV	Serum		0/10	0/10	0/10	0/10	0/12	0/2
Mouse Kidney Parvo Virus (MKPV)	Kidney	PCR		0/10	0/10	0/11	0/12	NT <sup>3</sup>
<b>BACTERIA &amp; MYCOPLASMA</b>								
<i>Klebsiella</i> species	Nasopharynx	Culture	0/10	0/10	0/10	0/11	<b>1/12</b> <small>(1/10 <i>K. pneumoniae</i>)</small>	0/2
<i>Pasteurella pneumotropica</i>	Nasopharynx	Culture	0/10	0/10	0/10	0/11	0/12	0/2
<i>Staphylococcus aureus</i>	Nasopharynx	Culture	0/10	0/10	0/10	0/11	0/12	0/2
<i>Pneumocystis murina</i>	Lung	PCR	0/10	0/10	0/10	0/11	0/12	0/2
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	0/10	0/10	0/10	0/11	0/12	0/2
<i>Mycoplasma arthritis</i> <i>Mycoplasma pulmonis</i>	Serum	ELISA	0/10	0/10	0/10	0/11	0/12	0/2

**Date: 02/04/20**  
**Result Summary**  
Data added February 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 through 02/04/20
<b>BACTERIA &amp; MYCOPLASMA</b>								
Intestinal bacteria, including: <i>Citrobacter rodentium</i> <i>Klebsiella</i> species <i>Pseudomonas</i> species <i>Salmonella</i> species	Intestine	Culture	0/10	0/10	0/10	<b>3/11</b> (1/11 <i>P. putida</i> 2/11 <i>K. pneumoniae</i> )	<b>2/12</b> (2/10 <i>K. pneumoniae</i> )	<b>2/2</b> (1/11 <i>P. putida</i> )
Helicobacter species <i>H. hepaticus</i> <i>H. bilis</i> <i>H. rodentium</i> <i>H. typhlonius</i>	Intestine/Feces	PCR	0/20	0/19	0/20	0/18	0/24	0/4
<b>PARASITES &amp; PROTOZOA</b>								
Fleas, fur mites, lice	Fur	Micro	0/10	0/10	0/10	0/10	0/12	0/2
Fur mites	Fur/ bedding	PCR	0/8	0/2	0/10	0/2	0/10	0/2
Follicle mites ( <i>Psorergates simplex</i> )	Subcutis	Visual	0/10	0/10	0/10	0/10	0/12	0/2
Pinworms, e.g., <i>Syphacia</i> species	Cecum	Visual	0/10	0/10	0/10	0/10	0/12	0/2
Roundworms and other helminths	Intestine	Visual	0/10	0/10	0/10	0/10	0/12	0/2
Tapeworms, e.g., <i>Hymenolepis</i> species	Intestine	Visual	0/10	0/10	0/10	0/10	0/12	0/2
Trichomonads	Intestine	Micro	0/10	0/10	0/10	0/10	0/12	0/2
Other intestinal protozoa, including: <i>Spiroplasma muris</i> <i>Giardia muris</i>	Intestine	Micro	0/10	0/10	0/10	0/10	0/12	0/2

<sup>1</sup>LN = Lymph Node

<sup>2</sup>NT = Not Tested. Fur mite PCR screening is performed on a semi-annual basis.

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

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