

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 with questions about this report or animal health related issues.



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Organism	Sample	Test Method	Jun '17	Sep '17	Dec '17	Mar '18	Jun '18	Sep '18
VIRUSES								
Ectromelia virus	Serum	MFI/ELISA	0/20	0/20	0/8	0/16	0/8	0/10
GDVII (Theiler's) virus	Serum	MFI/ELISA	0/20	0/20	0/8	0/16	0/8	0/10
Lymphocytic choriomeningitis (LCMV)	Serum	MFI/ELISA	0/20	0/20	0/8	0/16	0/8	0/10
Minute virus of mice (MVM)	Serum	MFI/ELISA	0/20	0/20	0/8	0/16	0/8	0/10
Mouse adenovirus of mice (MAV 1 & 2)	Serum	MFI/ELISA	0/20	0/20	0/8	0/16	0/8	0/10
Mouse hepatitis virus (MHV)	Serum/ Feces	MFI/ELISA PCR	0/20 0/40	0/20 0/40	0/8 0/16	0/8 0/16	0/8 0/15	0/10 0/19
Mouse parvovirus (MPV)	Serum/ LN*	ELISA PCR	0/20 0/40	0/20 0/40	0/8 0/16	0/8 0/16	0/8 0/15	0/10 0/19
Pneumonia virus of mice (PVM)	Serum	ELISA	0/20	0/20	0/8	0/16	0/8	0/10
Reovirus 3 (REO 3)	Serum	ELISA	0/20	0/20	0/8	0/16	0/8	0/10
Rotavirus (EDIM)	Serum	ELISA	0/20	0/20	0/8	0/16	0/8	0/10
Sendai virus	Serum	ELISA	0/20	0/20	0/8	0/16	0/8	0/10
Murine norovirus (MNV)	Serum	ELISA	0/20	0/20	0/8	0/16	0/8	0/10
LDHV			0/20	0/20	0/8	0/16	0/8	0/10
BACTERIA & MYCOPLASMA								
<i>Klebsiella</i> species	Nasopharynx	Culture	0/20	0/20	0/8	0/16	0/8	0/10
<i>Pasteurella pneumotropica</i>	Nasopharynx	Culture	0/20	0/20	0/8	0/16	0/8	0/10
<i>Staphylococcus aureus</i>	Nasopharynx	Culture	0/20	0/20	0/8	0/16	0/8	0/10
<i>Pneumocystis murina</i>	Lung	PCR	0/20	0/20	0/8	0/16	0/8	0/10
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	0/20	0/20	0/8	0/16	0/8	0/10
<i>Mycoplasma arthritidis</i> <i>Mycoplasma pulmonis</i>	Serum	ELISA	0/20	0/20	0/8	0/16	0/8	0/10
Intestinal bacteria, including: <i>Citrobacter rodentium</i> <i>Klebsiella</i> species <i>Pseudomonas</i> species <i>Salmonella</i> species	Intestine	Culture	0/20	0/20	0/8	0/16	0/8	0/10
Helicobacter species	Intestine/Feces	PCR	0/40	0/40	0/16	0/16	0/15	0/19

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<i>H. hepaticus</i>								
<i>H. bilis</i>								
<i>H. rodentium</i>								
<i>H. typhlonius</i>								
PARASITES & PROTOZOA								
Fleas, fur mites, lice	Fur	Micro	0/20	0/20	0/8	0/8	0/8	0/10
Fur mites	Fur/ bedding	PCR	N/A	0/20	NT**	0/4	0/4	NT**
Follicle mites (<i>Psorergates simplex</i>)	Subcutis	Visual	0/20	0/20	0/8	0/16	0/8	0/10
Pinworms, e.g., <i>Syphacia</i> species	Cecum	Visual	0/20	0/20	0/8	0/16	0/8	0/10
Roundworms and other helminths	Intestine	Visual	0/20	0/20	0/8	0/16	0/8	0/10
Tapeworms, e.g., <i>Hymenolepis</i> species	Intestine	Visual	0/20	0/20	0/8	0/16	0/8	0/10
Trichomonads	Intestine	Micro	0/20	0/20	0/8	0/16	0/8	0/10
Other intestinal protozoa, including: <i>Spiroucleus muris</i> <i>Giardia muris</i>	Intestine	Micro	0/20	0/20	0/8	0/16	0/8	0/10

*LN = Lymph Node

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

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