

This report summarizes the cumulative results of tests performed on dirty bedding sentinels from MBP Room 109 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	0/22	0/22	0/14	0/23	0/18	0/18
GDVII (Theiler's) virus	Serum	MFI/ELISA	0/22	0/22	0/14	0/24	0/18	0/18
Lymphocytic choriomeningitis (LCMV)	Serum	MFI/ELISA	0/22	0/22	0/14	0/24	0/18	0/18
Minute virus of mice (MVM)	Serum	MFI/ELISA	0/22	0/22	0/14	0/24	0/18	0/18
Mouse adenovirus of mice (MAV 1 & 2)	Serum	MFI/ELISA	0/22	0/22	0/14	0/24	0/18	0/18
Mouse hepatitis virus (MHV)	Serum	MFI/ELISA	0/22	0/22	0/14	0/24	0/18	0/18
Mouse parvovirus (MPV)	Serum/ LN*	ELISA PCR	0/22 0/44	0/22 0/42	0/14 0/27	0/12 0/24	0/18 0/36	0/18 0/36
Pneumonia virus of mice (PVM)	Serum	ELISA	0/22	0/22	0/14	0/24	0/18	0/18
Reovirus 3 (REO 3)	Serum	ELISA	0/22	0/22	0/14	0/24	0/18	0/18
Rotavirus (EDIM)	Serum	ELISA	0/22	0/22	0/14	0/24	0/18	0/18
Sendai virus	Serum	ELISA	0/22	0/22	0/14	0/24	0/18	0/18
Murine norovirus (MNV)	Serum	ELISA	0/22	0/22	0/14	0/24	0/18	0/18
BACTERIA & MYCOPLASMA								
<i>Klebsiella</i> species	Naopharynx	Culture	0/23	0/22	0/14	0/24	1/18 (<i>K. oxytoca</i>)	0/18
<i>Pasteurella pneumotropica</i>	Naopharynx	Culture	0/23	0/22	0/14	0/24	0/18	0/18
<i>Staphylococcus aureus</i>	Naopharynx	Culture	0/23	0/22	0/14	0/24	0/18	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>	Naopharynx	Culture	0/23	0/22	0/14	0/24	0/18	0/18
<i>Mycoplasma arthritidis</i> <i>Mycoplasma pulmonis</i>	Serum	ELISA	0/23	0/22	0/14	0/24	0/18	0/18
Intestinal bacteria, including: <i>Citrobacter rodentium</i> <i>Klebsiella</i> species <i>Pseudomonas</i> species <i>Salmonella</i> species	Intestine	Culture	0/23	0/22	0/14	0/24	1/18 (<i>K. oxytoca</i>)	0/18
Helicobacter species <i>H. hepaticus</i>	Intestine/Feces	PCR	0/44	0/42	0/27	0/24	0/36	0/36

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<i>H. bilis</i> <i>H. rodentium</i> <i>H. typhlonius</i>								
PARASITES & PROTOZOA								
Fleas, fur mites, lice	Fur	Micro	0/23	0/22	0/14	0/13	0/18	0/18
Fur Mites	Fur/ bedding	PCR	N/A	0/23	NT**	0/12	0/4	0/14
Follicle mites (<i>Psorergates simplex</i>)	Subcutis	Visual	0/23	0/22	0/14	0/24	0/18	0/18
Pinworms, e.g., <i>Syphacia</i> species	Cecum	Visual	0/23	0/22	0/14	0/24	0/18	0/18
Roundworms and other helminths	Intestine	Visual	0/23	0/22	0/14	0/24	0/18	0/18
Tapeworms, e.g., <i>Hymenolepis</i> species	Intestine	Visual	0/23	0/22	0/14	0/24	0/18	0/18
Trichomonads	Intestine	Micro	0/23	0/22	0/14	0/24	0/18	0/18
Other intestinal protozoa, including: <i>Spiroucleus muris</i> <i>Giardia muris</i>	Intestine	Micro	0/23	0/22	0/14	0/24	0/18	0/18

*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.