

This report summarizes the cumulative results of tests performed on dirty bedding sentinels from MBP Room 111 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 through 02/04/20
VIRUSES								
Ectromelia virus	Serum	MFI/ELISA	0/20	0/23	0/21	0/34	0/32	0/16
GDVII (Theiler's) virus	Serum	MFI/ELISA	0/20	0/23	0/21	0/34	0/32	0/16
Lymphocytic choriomeningitis (LCMV)	Serum	MFI/ELISA	0/20	0/23	0/21	0/34	0/32	0/16
Minute virus of mice (MVM)	Serum	MFI/ELISA	0/20	0/23	0/21	0/34	0/32	0/16
Mouse adenovirus of mice (MAV 1 & 2)	Serum	MFI/ELISA	0/20	0/23	0/21	0/34	0/32	0/16
Mouse hepatitis virus (MHV)	Serum	MFI/ELISA	0/20	0/23	0/21	0/34	0/32	0/16
Mouse parvovirus (MPV)	Serum/ LN ¹	ELISA PCR	0/20 0/40	0/23 0/45	0/21 0/42	0/34 0/67	0/32 0/64	0/16 0/32
Pneumonia virus of mice (PVM)	Serum	ELISA	0/20	0/23	0/21	0/34	0/32	0/16
Reovirus 3 (REO 3)	Serum	ELISA	0/20	0/23	0/21	0/34	0/32	0/16
Rotavirus (EDIM)	Serum	ELISA	0/20	0/23	0/21	0/34	0/32	0/16
Sendai virus	Serum	ELISA	0/20	0/23	0/21	0/34	0/32	0/16
Murine norovirus (MNV)	Serum	ELISA	0/20	0/23	0/21	0/34	0/32	0/16
Mouse Kidney Parvo Virus (MKPV)	Kidney	PCR		0/16	0/21	0/34	0/32	NT ³
BACTERIA & MYCOPLASMA								
<i>Klebsiella</i> species	Nasopharynx	Culture	0/21	0/23	0/22	0/34	0/32	0/16
<i>Pasteurella pneumotropica</i>	Nasopharynx	Culture	0/21	0/23	0/22	0/34	0/32	0/16
<i>Staphylococcus aureus</i>	Nasopharynx	Culture	0/21	0/23	0/22	0/34	0/32	0/16
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	0/21	0/23	0/22	0/34	0/32	0/16
<i>Mycoplasma arthritidis</i> <i>Mycoplasma pulmonis</i>	Serum	ELISA	0/21	0/23	0/22	0/34	0/32	0/16
Intestinal bacteria, including: <i>Citrobacter rodentium</i> <i>Klebsiella</i> species <i>Pseudomonas</i> species <i>Salmonella</i> species	Intestine	Culture	1/21 (<i>K. oxytoca</i>)	0/23	1/22 (<i>P. putida</i>)	0/34	2/32 (<i>P. stutzeri</i>)	1/16 (<i>P. aeruginosa</i>)

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BACTERIA & MYCOPLASMA								
Helicobacter species <i>H. hepaticus</i> <i>H. bilis</i> <i>H. rodentium</i> <i>H. typhlonius</i>	Intestine/Feces	PCR	0/40	0/45	0/42	0/67	0/64	0/32
PARASITES & PROTOZOA								
Fleas, fur mites, lice	Fur	Micro	0/21	0/23	0/21	0/34	0/32	0/16
Fur mites	Fur/ bedding	PCR	0/2	0/21	NT ²	0/24	0/26	0/16
Follicle mites <i>(Psorergates simplex)</i>	Subcutis	Visual	0/21	0/23	0/21	0/34	0/32	0/16
Pinworms, e.g., <i>Syphacia</i> species	Cecum	Visual	0/21	0/23	0/21	0/34	0/32	0/16
Roundworms and other helminths	Intestine	Visual	0/21	0/23	0/21	0/34	0/32	0/16
Tapeworms, e.g., <i>Hymenolepis</i> species	Intestine	Visual	0/21	0/23	0/21	0/34	0/32	0/16
Trichomonads	Intestine	Micro	0/21	0/23	0/21	0/34	0/32	0/16
Other intestinal protozoa, including: <i>Spironucleus muris</i> <i>Giardia muris</i>	Intestine	Micro	0/21	0/23	0/21	0/34	0/32	0/16

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.