

PRODUCTION FACILITY
AREA: M3-15
ANIMAL HEALTH REPORT

Date: 09/24/21
Result Summary
Data added Sept 2021
Current positive results are in **bold**.
See data below.

This report summarizes the results of tests performed on dirty bedding sentinels, retired breeders and young colony mice from barrier-maintained production area M3 Room 15 at UC Davis, CA. Data are reported as positive tests / total tests performed. Please contact the MBP at 530-757-3333 or email mbp@ucdavis.edu with questions about this report or animal health related issues.



Denise M. Imai-Leonard, DVM, PhD, DACVP
Director, Comparative Pathology Laboratory
University of California, Davis

Organism	Sample	Test Method	Sept'21	May 21	Apr'21	Jan'21	Oct'20
VIRUSES							
Ectromelia virus	Serum	MFI/ ELISA	0/4	0/4	0/6	0/6	0/6
GDVII (Theiler's) virus	Serum	MFI/ ELISA	0/4	0/4	0/6	0/6	0/6
K virus	Serum	ELISA	0/4	0/4	0/2	0/2	0/2
Korean hemorrhagic fever (Hantaan)	Serum	ELISA	0/4	0/4	0/2	0/6	0/2
Lactic dehydrogenase elevating virus	Serum	Enzyme	0/4	0/4	0/2	0/2	0/2
Lymphocytic choriomeningitis (LCMV)	Serum	MFI/ ELISA	0/4	0/4	0/2	0/6	0/2
Minute virus of mice (MVM)	Serum	MFI/ ELISA	0/4	0/4	0/6	0/6	0/6
Mouse adenovirus of mice (MadV)	Serum	MFI/ ELISA	0/4	0/4	0/2	0/6	0/2
Mouse cytomegalovirus (MCMV)	Serum	ELISA	0/4	0/4	0/2	0/6	0/2
Mouse hepatitis virus (MHV)	Serum Feces	MFI/ ELISA PCR	0/4 0/8	0/4	0/6 0/2	0/6 0/2	0/6 0/2
Mouse parvovirus (MPV)	Serum Mes LN	ELISA PCR	0/4 0/8	0/4 0/4	0/6 0/6	0/6 0/6	0/6 0/6
Mouse thymic virus (MTV)	Serum	IFA	0/4	0/4	0/2	0/6	0/2
Pneumonia virus of mice (PVM)	Serum	MFI/ ELISA	0/4	0/4	0/6	0/6	0/6
Polyoma virus	Serum	ELISA	0/4	0/4	0/2	0/2	0/2
Reovirus 3 (REO 3)	Serum	MFI/ ELISA	0/4	0/4	0/2	0/6	0/2
Rotavirus (EDIM)	Serum	MFI/ ELISA	0/4	0/4	0/6	0/6	0/6
Sendai virus	Serum	MFI/ ELISA	0/4	0/4	0/6	0/6	0/6
Murine norovirus (MNV)	Serum	MFI/ ELISA	0/4	0/4	0/6	0/6	0/6
BACTERIA & MYCOPLASMA							
CAR bacillus	Serum	ELISA	0/4	0/4	0/2	0/6	0/2
<i>Klebsiella</i> species	Trachea/Naso	Culture	0/4	0/4	0/8	0/8	0/8
<i>Pasteurella pneumotropica</i>	Trachea/Naso	Culture	0/4	0/4	0/8	0/8	0/8
<i>Staphylococcus aureus</i>	Trachea/Naso	Culture	0/4	0/4	0/8	0/8	0/8
<i>Corynebacterium bovis</i>	Trachea/Naso/Skin Skin/Fur	Culture PCR	0/4 0/4	4/4 4/4	2/8 -		
Other respiratory bacteria, including: <i>Bordetella bronchiseptica</i> <i>Corynebacterium kutscheri</i> <i>Pasteurella multocida</i> <i>Streptobacillus moniliformis</i> <i>Streptococcus</i> species	Trachea/Naso	Culture	0/4	0/4	0/8	0/8	0/8
<i>Mycoplasma arthritidis</i> <i>Mycoplasma pulmonis</i>	Serum	MFI/ ELISA	0/4	0/4	0/6	0/6	0/6

PRODUCTION FACILITY
AREA: M3-15
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See data below.

Organism	Sample	Test Method	Sept 21	May 21	Apr'21	Jan'21	Oct'20
BACTERIA & MYCOPLASMA							
Continued							
Intestinal bacteria, including: <i>Citrobacter rodentium</i> <i>Klebsiella</i> species <i>Pseudomonas</i> species <i>Salmonella</i> species	Intestine/Feces	Culture	0/4	0/4	0/8	0/8	0/8
<i>Clostridium (Bacillus) piliforme</i>	Serum	ELISA	0/4	0/4	0/6	0/6	0/6
<i>Helicobacter</i> species <i>H. hepaticus</i> <i>H. bilis</i> <i>H. rodentium</i> <i>H. typhlonius</i>	Intestine/Feces	PCR	0/8	0/4	0/8	0/8	0/8
PARASITES & PROTOZOA							
Fleas, fur mites, lice	Fur Skin/Fur	Visual PCR	0/4 0/4	0/4 -	0/8 -	0/8 0/4	0/8 -
Follicle mites (<i>Psorergates simplex</i>)	Subcutis	Visual	0/4	0/4	0/8	0/8	0/8
Pinworms, e.g., <i>Syphacia</i> species	Cecum Feces	Visual PCR	0/4 -	0/4 0/4	0/8 0/4	0/8	0/8
Roundworms and other helminths	Intestine	Visual	0/4	0/4	0/8	0/8	0/8
Tapeworms, e.g., <i>Hymenolepis</i> species	Intestine	Visual	0/4	0/4	0/8	0/8	0/8
Trichomonads	Intestine	Microscopic	0/4	0/4	0/8	0/8	0/8
Other intestinal protozoa, including: <i>Spiroucleus muris</i> <i>Giardia muris</i> Amoebae	Intestine	Microscopic	0/4	0/4	0/8	0/8	0/8
SPOROZOA & FUNGI							
<i>Encephalitozoon cuniculi</i>	Serum	ELISA	0/4	0/4	0/2	0/6	0/2
<i>Pneumocystis murina</i> **	Lung	PCR	0/4	-	0/4	0/4	0/4

The M3 area is an 18 room, barrier-maintained production building located on the campus of the University of California, Davis. Colonies of mice have been established by embryo transfer derivation into the M3 importation facility (Room 1)

**This test is done only in rooms where severely immunodeficient mice are housed.

PRODUCTION FACILITY
AREA: M3-2
ANIMAL HEALTH REPORT

Date: 09/24/21
Result Summary
Data added Sept 2021
Current positive results are in **bold**.
See data below.

This report summarizes the results of tests performed on dirty bedding sentinels, retired breeders and young colony mice from barrier-maintained production area M3 Room 2 at UC Davis, CA. Data are reported as positive tests / total tests performed. Please contact the MBP at 530-757-3333 or email mbp@ucdavis.edu with questions about this report or animal health related issues.



Denise M. Imai-Leonard, DVM, PhD, DACVP
Director, Comparative Pathology Laboratory
University of California, Davis

Organism	Sample	Test Method	Sept'21	May' 21	Mar'21	Dec'20	Sept'20
VIRUSES							
Ectromelia virus	Serum	MFI/ ELISA	0/4	0/6	0/6	0/8	0/6
GDVII (Theiler's) virus	Serum	MFI/ ELISA	0/4	0/6	0/6	0/8	0/6
K virus	Serum	ELISA	0/4	0/2	0/2	0/4	0/6
Korean hemorrhagic fever (Hantaan)	Serum	ELISA	0/4	0/2	0/6	0/4	0/6
Lactic dehydrogenase elevating virus	Serum	Enzyme	0/4	0/2	0/2	0/4	0/6
Lymphocytic choriomeningitis (LCMV)	Serum	MFI/ ELISA	0/4	0/2	0/6	0/4	0/6
Minute virus of mice (MVM)	Serum	MFI/ ELISA	0/4	0/6	0/6	0/8	0/6
Mouse adenovirus of mice (MadV)	Serum	MFI/ ELISA	0/4	0/2	0/6	0/4	0/6
Mouse cytomegalovirus (MCMV)	Serum	ELISA	0/4	0/2	0/6	0/4	0/6
Mouse hepatitis virus (MHV)	Serum Feces	MFI/ ELISA PCR	0/4 0/8	0/6 0/6	0/6 0/2	0/8 0/4	0/6 0/2
Mouse parvovirus (MPV)	Serum Mes LN	ELISA PCR	0/4 0/8	0/6 0/6	0/6 0/6	0/8 0/8	0/6 0/6
Mouse thymic virus (MTV)	Serum	IFA	0/4	0/2	0/6	0/4	0/6
Pneumonia virus of mice (PVM)	Serum	MFI/ ELISA	0/4	0/6	0/6	0/8	0/6
Polyoma virus	Serum	ELISA	0/4	0/2	0/2	0/4	0/6
Reovirus 3 (REO 3)	Serum	MFI/ ELISA	0/4	0/2	0/6	0/4	0/6
Rotavirus (EDIM)	Serum	MFI/ ELISA	0/4	0/6	0/6	0/8	0/6
Sendai virus	Serum	MFI/ ELISA	0/4	0/6	0/6	0/8	0/6
Murine norovirus (MNV)	Serum	MFI/ ELISA	0/4	0/6	0/6	0/8	0/6
BACTERIA & MYCOPLASMA							
CAR bacillus	Serum	ELISA	0/4	0/2	0/6	0/4	0/6
<i>Klebsiella</i> species	Trachea/Naso	Culture	0/4	0/12	0/8	0/12	0/8
<i>Pasteurella pneumotropica</i>	Trachea/Naso	Culture	0/4	0/12	0/8	0/12	0/8
<i>Staphylococcus aureus</i>	Trachea/Naso	Culture	0/4	0/12	0/8	0/12	0/8
<i>Corynebacterium bovis</i>	Trachea/Naso/Skin Skin/Fur	Culture PCR	0/4 0/4	5/12 8/8			
Other respiratory bacteria, including: <i>Bordetella bronchiseptica</i> <i>Corynebacterium kutscheri</i> <i>Pasteurella multocida</i> <i>Streptobacillus moniliformis</i> <i>Streptococcus</i> species	Trachea/Naso	Culture	0/4	0/12	0/8	0/12	0/8
<i>Mycoplasma arthritidis</i> <i>Mycoplasma pulmonis</i>	Serum	MFI/ ELISA	0/4	0/6	0/6	0/8	0/4

PRODUCTION FACILITY
AREA: M3-2
ANIMAL HEALTH REPORT

Date: 09/24/21
Result Summary
Data added Sept 2021
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See data below.

Organism	Sample	Test Method	Sept 21	May 21	Mar'21	Dec'20	Sept'20
BACTERIA & MYCOPLASMA							
Continued							
Intestinal bacteria, including: <i>Citrobacter rodentium</i> <i>Klebsiella</i> species <i>Pseudomonas</i> species <i>Salmonella</i> species	Intestine/Feces	Culture	0/4	0/8	0/8	0/12	0/8
<i>Clostridium (Bacillus) piliforme</i>	Serum	ELISA	0/4	0/6	0/6	0/8	0/6
<i>Helicobacter</i> species <i>H. hepaticus</i> <i>H. bilis</i> <i>H. rodentium</i> <i>H. typhlonius</i>	Intestine/Feces	PCR	0/8	0/8	0/8	0/12	0/8
PARASITES & PROTOZOA							
Fleas, fur mites, lice	Fur Skin/Fur	Visual PCR	0/4 -	0/8 0/4	0/8 -	0/12 0/4	0/8
Follicle mites (<i>Psorergates simplex</i>)	Subcutis	Visual	0/4	0/8	0/8	0/12	0/8
Pinworms, e.g., <i>Syphacia</i> species	Cecum Feces	Visual PCR	0/4 0/8	0/8 -	0/8	0/12	0/8
Roundworms and other helminths	Intestine	Visual	0/4	0/8	0/8	0/12	0/8
Tapeworms, e.g., <i>Hymenolepis</i> species	Intestine	Visual	0/4	0/8	0/8	0/12	0/8
Trichomonads	Intestine	Microscopic	0/4	0/8	0/8	0/12	0/8
Other intestinal protozoa, including: <i>Spironucleus muris</i> <i>Giardia muris</i> Amoebae	Intestine	Microscopic	0/4	0/8	0/8	0/12	0/8
SPOROZOA & FUNGI							
<i>Encephalitozoon cuniculi</i>	Serum	ELISA	0/4	0/2	0/6	0/4	0/6
<i>Pneumocystis murina</i> **	Lung	PCR	0/4	0/8	0/4	0/8	0/4

The M3 area is an 18 room, barrier-maintained production building located on the campus of the University of California, Davis. Colonies of mice have been established by embryo transfer derivation into the M3 importation facility (Room 1).

**This test is done only in rooms where severely immunodeficient mice are housed.



PRODUCTION FACILITY

AREA: M3-3

Animal Health Report

Date: 09/24/21
Result Summary
 Data added Sept 2021
 Current positive results are in **bold**.
 See data below.

This report summarizes the results of tests performed on dirty bedding sentinels, retired breeders and young colony mice from barrier-maintained production area M3 Room 3 at UC Davis, CA. Data are reported as positive tests / total tests performed. Please contact the MBP at 530-757-3333 or email mbp@ucdavis.edu with questions about this report or animal health related issues.

Denise M. Imai-Leonard, DVM, PhD, DACVP
 Director, Comparative Pathology Laboratory
 University of California, Davis

Organism	Sample	Test Method	Sept 21	May 21	Mar'21	Dec'20	Sept'20
VIRUSES							
Ectromelia virus	Serum	MFI/ ELISA	0/4	-	0/6	0/6	0/6
GDVII (Theiler's) virus	Serum	MFI/ ELISA	0/4	-	0/6	0/6	0/6
K virus	Serum	ELISA	0/4	-	0/2	0/2	0/6
Korean hemorrhagic fever (Hantaan)	Serum	ELISA	0/4	-	0/6	0/2	0/6
Lactic dehydrogenase elevating virus	Serum	Enzyme	0/4	-	0/2	0/2	0/6
Lymphocytic choriomeningitis (LCMV)	Serum	MFI/ ELISA	0/4	-	0/6	0/2	0/6
Minute virus of mice (MVM)	Serum	MFI/ ELISA	0/4	-	0/6	0/6	0/6
Mouse adenovirus of mice (MadV)	Serum	MFI/ ELISA	0/4	-	0/6	0/2	0/6
Mouse cytomegalovirus (MCMV)	Serum	ELISA	0/4	-	0/6	0/2	0/6
Mouse hepatitis virus (MHV)	Serum Feces	MFI/ ELISA PCR	0/4 0/8	-	0/6 0/2	0/6 0/2	0/6 0/2
Mouse parvovirus (MPV)	Serum Mes LN	ELISA PCR	0/4 0/8	-	0/6 0/6	0/6 0/6	0/6 0/6
Mouse thymic virus (MTV)	Serum	IFA	0/4	-	0/6	0/2	0/6
Pneumonia virus of mice (PVM)	Serum	MFI/ ELISA	0/4	-	0/6	0/6	0/6
Polyoma virus	Serum	ELISA	0/4	-	0/2	0/2	0/6
Reovirus 3 (REO 3)	Serum	MFI/ ELISA	0/4	-	0/6	0/2	0/6
Rotavirus (EDIM)	Serum	MFI/ ELISA	0/4	-	0/6	0/6	0/6
Sendai virus	Serum	MFI/ ELISA	0/4	-	0/6	0/6	0/6
Murine norovirus (MNV)	Serum	MFI/ ELISA	0/4	-	0/6	0/6	0/6
BACTERIA & MYCOPLASMA							
CAR bacillus	Serum	ELISA	0/4	-	0/6	0/2	0/6
<i>Klebsiella</i> species	Trachea/Naso	Culture	0/4	0/2	0/8	0/8	0/8
<i>Pasteurella pneumotropica</i>	Trachea/Naso	Culture	0/4	0/2	0/8	0/8	0/8
<i>Staphylococcus aureus</i>	Trachea/Naso	Culture	0/4	0/2	0/8	0/8	0/8
<i>Corynebacterium bovis</i>	Trachea/Naso/Skin Skin/Fur	Culture PCR	0/4 0/4	0/2 0/2			
Other respiratory bacteria, including: <i>Bordetella bronchiseptica</i> <i>Corynebacterium kutscheri</i> <i>Pasteurella multocida</i> <i>Streptobacillus moniliformis</i> <i>Streptococcus</i> species	Trachea/Naso	Culture	0/4	0/2	0/8	0/8	0/8
<i>Mycoplasma arthritis</i> <i>Mycoplasma pulmonis</i>	Serum	MFI/ ELISA	0/4	-	0/6	0/6	0/6

PRODUCTION FACILITY
AREA: M3-3
Animal Health Report

Date: 09/24/21
Result Summary
Data added Sept 2021
Current positive results are in **bold**.
See data below.

Organism	Sample	Test Method	Sept 21	May 21	Mar'21	Dec'20	Sept'20
BACTERIA & MYCOPLASMA							
Continued							
Intestinal bacteria, including: <i>Citrobacter rodentium</i> <i>Klebsiella</i> species <i>Pseudomonas</i> species <i>Salmonella</i> species	Intestine/Feces	Culture	0/4	0/2	0/8	0/8	0/8
<i>Clostridium (Bacillus) piliforme</i>	Serum	ELISA	0/4	-	0/6	0/6	0/6
<i>Helicobacter</i> species <i>H. hepaticus</i> <i>H. bilis</i> <i>H. rodentium</i> <i>H. typhlonius</i>	Intestine/Feces	PCR	0/8	0/2	0/8	0/8	0/8
PARASITES & PROTOZOA							
Fleas, fur mites, lice	Fur Skin/Fur	Visual PCR	0/4 -	0/2	0/8 0/4	0/8 -	0/8 0/4
Follicle mites (<i>Psorergates simplex</i>)	Subcutis	Visual	0/4	0/2	0/8	0/8	0/8
Pinworms, e.g., <i>Syphacia</i> species	Cecum Feces	Visual PCR	0/4 0/8	0/2	0/8 -	0/8	0/8
Roundworms and other helminths	Intestine	Visual	0/4	0/2	0/8	0/8	0/8
Tapeworms, e.g., <i>Hymenolepis</i> species	Intestine	Visual	0/4	0/2	0/8	0/8	0/8
Trichomonads	Intestine	Microscopic	0/4	0/2	0/8	0/8	0/8
Other intestinal protozoa, including: <i>Spiroucleus muris</i> <i>Giardia muris</i> Amoebae	Intestine	Microscopic	0/4	0/2	0/8	0/8	0/8
SPOROZOA & FUNGI							
<i>Encephalitozoon cuniculi</i>	Serum	ELISA	0/4	-	0/6	0/2	0/6
<i>Pneumocystis murina</i> **	Lung	PCR	0/4	0/2	0/4	0/4	0/4

The M3 area is an 18 room, barrier-maintained production building located on the campus of the University of California, Davis. Colonies of mice have been established by embryo transfer derivation into the M3 importation facility (Room 1).

**This test is done only in rooms where severely immunodeficient mice are housed.



PRODUCTION FACILITY
AREA: M3-16
ANIMAL HEALTH REPORT

Date: 09/24/21
Result Summary
 Data added Sept 2021
 Current positive results are in **bold**.
 See data below.

This report summarizes the results of tests performed on dirty bedding sentinels, retired breeders and young colony mice from barrier-maintained production area M3 Room 16 at UC Davis, CA. Data are reported as positive tests / total tests performed. Please contact the MBP at 530-757-3333 or email mbp@ucdavis.edu with questions about this report or animal health related issues.

Denise M. Imai-Leonard, DVM, PhD, DACVP
 Director, Comparative Pathology Laboratory
 University of California, Davis

Organism	Sample	Test Method	Sept'21	May 21	Mar'21	Dec'20	Sept'20
VIRUSES							
Ectromelia virus	Serum	MFI/ ELISA	0/4	0/4	0/6	0/6	0/6
GDVII (Theiler's) virus	Serum	MFI/ ELISA	0/4	0/4	0/6	0/6	0/6
K virus	Serum	ELISA	0/4	-	0/6	0/2	0/2
Korean hemorrhagic fever (Hantaan)	Serum	ELISA	0/4	-	0/6	0/2	0/6
Lactic dehydrogenase elevating virus	Serum	Enzyme	0/4	-	0/6	0/2	0/2
Lymphocytic choriomeningitis (LCMV)	Serum	MFI/ ELISA	0/4	-	0/6	0/2	0/6
Minute virus of mice (MVM)	Serum	MFI/ ELISA	0/4	0/4	0/6	0/6	0/6
Mouse adenovirus of mice (MadV)	Serum	MFI/ ELISA	0/4	-	0/6	0/2	0/6
Mouse cytomegalovirus (MCMV)	Serum	ELISA	0/4	-	0/6	0/2	0/6
Mouse hepatitis virus (MHV)	Serum Feces	MFI/ ELISA PCR	0/4 0/8	0/4	0/6 0/2	0/6 0/2	0/6 0/2
Mouse parvovirus (MPV)	Serum Mes LN	ELISA PCR	0/4 0/8	0/4 0/4	0/6 0/6	0/6 0/6	0/6 0/6
Mouse thymic virus (MTV)	Serum	IFA	0/4	-	0/6	0/2	0/6
Pneumonia virus of mice (PVM)	Serum	MFI/ ELISA	0/4	0/4	0/6	0/6	0/6
Polyoma virus	Serum	ELISA	0/4	-	0/6	0/2	0/2
Reovirus 3 (REO 3)	Serum	MFI/ ELISA	0/4	-	0/6	0/2	0/6
Rotavirus (EDIM)	Serum	MFI/ ELISA	0/4	0/4	0/6	0/6	0/6
Sendai virus	Serum	MFI/ ELISA	0/4	0/4	0/6	0/6	0/6
Murine norovirus (MNV)	Serum	MFI/ ELISA	0/4	0/4	0/6	0/6	0/6
BACTERIA & MYCOPLASMA							
CAR bacillus	Serum	ELISA	0/4	-	0/6	0/2	0/6
<i>Klebsiella</i> species	Trachea/Naso	Culture	0/4	0/8	0/8	0/8	0/8
<i>Pasteurella pneumotropica</i>	Trachea/Naso	Culture	0/4	0/8	0/8	0/8	0/8
<i>Staphylococcus aureus</i>	Trachea/Naso	Culture	0/4	0/8	0/8	0/8	0/8
<i>Corynebacterium bovis</i>	Trachea/Naso/Skin Skin/Fur	Culture PCR	0/4 0/4	8/8 8/8			
Other respiratory bacteria, including: <i>Bordetella bronchiseptica</i> <i>Corynebacterium kutscheri</i> <i>Pasteurella multocida</i> <i>Streptobacillus moniliformis</i> <i>Streptococcus</i> species	Trachea/Naso	Culture	0/4	0/8	0/8	0/8	0/8
<i>Mycoplasma arthritidis</i> <i>Mycoplasma pulmonis</i>	Serum	MFI/ ELISA	0/4	0/4	0/6	0/6	0/6

PRODUCTION FACILITY
AREA: M3-16
ANIMAL HEALTH REPORT

Date: 09/24/21
Result Summary
Data added Sept 2021
Current positive results are in **bold**.
See data below.

Organism	Sample	Test Method	Sept 21	May 21	Mar'21	Dec'20	Sept'20
BACTERIA & MYCOPLASMA							
Continued							
Intestinal bacteria, including: <i>Citrobacter rodentium</i> <i>Klebsiella</i> species <i>Pseudomonas</i> species <i>Salmonella</i> species	Intestine/Feces	Culture	0/4	0/8	0/8	0/8	0/8
<i>Clostridium (Bacillus) piliforme</i>	Serum	ELISA	0/4	0/4	0/6	0/6	0/6
<i>Helicobacter</i> species <i>H. hepaticus</i> <i>H. bilis</i> <i>H. rodentium</i> <i>H. typhlonius</i>	Intestine/Feces	PCR	0/8	0/8	0/8	0/8	0/8
PARASITES & PROTOZOA							
Fleas, fur mites, lice	Fur Skin/Fur	Visual PCR	0/4 -	0/8 0/4	0/8 0/4	0/8 -	0/8 0/4
Follicle mites (<i>Psorergates simplex</i>)	Subcutis	Visual	0/4	0/8	0/8	0/8	0/8
Pinworms, e.g., <i>Syphacia</i> species	Cecum Feces	Visual PCR	0/4 0/8	0/8	0/8 -	0/8	0/8
Roundworms and other helminths	Intestine	Visual	0/4	0/8	0/8	0/8	0/8
Tapeworms, e.g., <i>Hymenolepis</i> species	Intestine	Visual	0/4	0/8	0/8	0/8	0/8
Trichomonads	Intestine	Microscopic	0/4	0/8	0/8	0/8	0/8
Other intestinal protozoa, including: <i>Spiroucleus muris</i> <i>Giardia muris</i> Amoebae	Intestine	Microscopic	0/4	0/8	0/8	0/8	0/8
SPOROZOA & FUNGI							
<i>Encephalitozoon cuniculi</i>	Serum	ELISA	0/4	-	0/6	0/2	0/6
<i>Pneumocystis murina</i> **	Lung	PCR	0/4	0/4	0/4	0/4	0/4

The M3 area is an 18 room, barrier-maintained production building located on the campus of the University of California, Davis. Colonies of mice have been established by embryo transfer derivation into the M3 importation facility (Room 1).

**This test is done only in rooms where severely immunodeficient mice are housed.

This report summarizes the results of tests performed on dirty bedding sentinels, retired breeders and young colony mice from barrier-maintained production area M3 Room 4 at UC Davis, CA. Data are reported as positive tests / total tests performed. Please contact the MMRRC at 530-754-6677 or email <mailto:mmrrc@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	Sept'21	Apr'21	Jan'21	Oct'20	Jul'20
VIRUSES							
Ectromelia virus	Serum	MFI/ ELISA	0/4	0/6	0/6	0/6	0/6
GDVII (Theiler's) virus	Serum	MFI/ ELISA	0/4	0/6	0/6	0/6	0/6
K virus	Serum	ELISA	0/4	0/6	0/2	0/2	0/2
Korean hemorrhagic fever (Hantaan)	Serum	ELISA	0/4	0/6	0/2	0/6	0/2
Lactic dehydrogenase elevating virus	Serum	Enzyme	0/4	0/6	0/2	0/2	0/2
Lymphocytic choriomeningitis (LCMV)	Serum	MFI/ ELISA	0/4	0/6	0/2	0/6	0/2
Minute virus of mice (MVM)	Serum	MFI/ ELISA	0/4	0/6	0/6	0/6	0/6
Mouse adenovirus of mice (MadV)	Serum	MFI/ ELISA	0/4	0/6	0/2	0/6	0/2
Mouse cytomegalovirus (MCMV)	Serum	ELISA	0/4	0/6	0/2	0/6	0/2
Mouse hepatitis virus (MHV)	Serum Feces	MFI/ ELISA PCR	0/4 0/8	0/6 0/2	0/6 0/2	0/6 0/2	0/6 0/2
Mouse parvovirus (MPV)	Serum Mes LN	ELISA PCR	0/4 0/8	0/6 0/6	0/6 0/6	0/6 0/6	0/6 0/6
Mouse thymic virus (MTV)	Serum	IFA	0/4	0/6	0/2	0/6	0/2
Pneumonia virus of mice (PVM)	Serum	MFI/ ELISA	0/4	0/6	0/6	0/6	0/6
Polyoma virus	Serum	ELISA	0/4	0/6	0/2	0/2	0/2
Reovirus 3 (REO 3)	Serum	MFI/ ELISA	0/4	0/6	0/2	0/6	0/2
Rotavirus (EDIM)	Serum	MFI/ ELISA	0/4	0/6	0/6	0/6	0/6
Sendai virus	Serum	MFI/ ELISA	0/4	0/6	0/6	0/6	0/6
Murine norovirus (MNV)	Serum	MFI/ ELISA	0/4	0/6	0/6	0/6	0/6
BACTERIA & MYCOPLASMA							
CAR bacillus	Serum	ELISA	0/4	0/6	0/2	0/6	0/2
<i>Klebsiella</i> species	Trachea/Naso	Culture	0/4	0/8	0/8	0/8	0/8
<i>Pasteurella pneumotropica</i>	Trachea/Naso	Culture	0/4	0/8	0/8	0/8	0/8
<i>Staphylococcus aureus</i>	Trachea/Naso	Culture	0/4	0/8	0/8	0/8	0/8
<i>Corynebacterium bovis</i>	Trachea/Naso/Skin Skin/Fur	Culture PCR	0/4 0/4	- -	- -	- -	- -
Other respiratory bacteria, including: <i>Bordetella bronchiseptica</i> <i>Corynebacterium kutscheri</i> <i>Pasteurella multocida</i> <i>Streptobacillus moniliformis</i> <i>Streptococcus</i> species	Trachea/Naso	Culture	0/4	0/8	0/8	0/8	0/8
<i>Mycoplasma arthritidis</i> <i>Mycoplasma pulmonis</i>	Serum	MFI/ ELISA	0/4	0/6	0/6	0/6	0/6

Organism	Sample	Test Method	Sept 21	Apr'21	Jan'21	Oct'20	Jul'20
BACTERIA & MYCOPLASMA							
Continued							
Intestinal bacteria, including: <i>Citrobacter rodentium</i> <i>Klebsiella</i> species <i>Pseudomonas</i> species <i>Salmonella</i> species	Intestine/Feces	Culture	0/4	0/8	0/8	0/8	0/8
<i>Clostridium (Bacillus) piliforme</i>	Serum	ELISA	0/4	0/6	0/6	0/6	0/6
<i>Helicobacter</i> species <i>H. hepaticus</i> <i>H. bilis</i> <i>H. rodentium</i> <i>H. typhlonius</i>	Intestine/Feces	PCR	0/8	0/8	0/8	0/8	0/8
PARASITES & PROTOZOA							
Fleas, fur mites, lice	Fur Skin/Fur	Visual PCR	0/4 0/4	0/8 -	0/8 0/4	0/8 -	0/8 0/4
Follicle mites (<i>Psorergates simplex</i>)	Subcutis	Visual	0/4	0/8	0/8	0/8	0/8
Pinworms, e.g., <i>Syphacia</i> species	Cecum Feces	Visual PCR	0/4 -	0/8 0/4	0/8 -	0/8 -	0/8 -
Roundworms and other helminths	Intestine	Visual	0/4	0/8	0/8	0/8	0/8
Tapeworms, e.g., <i>Hymenolepis</i> species	Intestine	Visual	0/4	0/8	0/8	0/8	0/8
Trichomonads	Intestine	Microscopic	0/4	0/8	0/8	0/8	0/8
Other intestinal protozoa, including: <i>Spironucleus muris</i> <i>Giardia muris</i> Amoebae	Intestine	Microscopic	0/4	0/8	0/8	0/8	0/8
SPOROZOA & FUNGI							
<i>Encephalitozoon cuniculi</i>	Serum	ELISA	0/4	0/6	0/2	0/6	0/2
<i>Pneumocystis murina</i> **	Lung	PCR	0/4	0/4	0/4	0/4	0/4

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**This test is done only in rooms where severely immunodeficient mice are housed.



PRODUCTION FACILITY
AREA: UCD-M3-6
RODENT HEALTH SURVEILLANCE

Date: 09/24/21
Result Summary
MMRRC Basic Profile
 Data added September 2021
 Current positive results are in **bold**.
 See data below.

This report summarizes the results of tests performed on dirty bedding sentinels, retired breeders and young colony mice from barrier-maintained production area M3 Room 6 at UC Davis, CA. Data are reported as positive tests / total tests performed. Please contact the MMRRC at 530-754-6677 or email <mailto:mmrrc@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	Sept'21	May 21	May 21	Mar'21	Dec'20	Sept'20
VIRUSES								
Ectromelia virus	Serum	MFI/ ELISA	0/4	0/6	0/6	0/8	0/6	0/8
GDVII (Theiler's) virus	Serum	MFI/ ELISA	0/4	0/6	0/6	0/8	0/6	0/8
K virus	Serum	ELISA	0/4	0/2	0/2	0/8	0/2	0/2
Korean hemorrhagic fever (Hantaan)	Serum	ELISA	0/4	0/2	0/2	0/8	0/2	0/8
Lactic dehydrogenase elevating virus	Serum	Enzyme	0/4	0/2	0/2	0/8	0/2	0/2
Lymphocytic choriomeningitis (LCMV)	Serum	MFI/ ELISA	0/4	0/2	0/2	0/8	0/2	0/8
Minute virus of mice (MVM)	Serum	MFI/ ELISA	0/4	0/6	0/6	0/8	0/6	0/8
Mouse adenovirus of mice (MadV)	Serum	MFI/ ELISA	0/4	0/2	0/2	0/8	0/2	0/8
Mouse cytomegalovirus (MCMV)	Serum	ELISA	0/4	0/2	0/2	0/8	0/2	0/8
Mouse hepatitis virus (MHV)	Serum Feces	MFI/ ELISA PCR	0/4 0/8	0/6 0/2	0/6 0/2	0/8 0/4	0/6 0/2	0/8 0/8
Mouse parvovirus (MPV)	Serum Mes LN	ELISA PCR	0/4 0/8	0/6 0/6	0/6 0/6	0/8 0/8	0/6 0/6	0/8 0/8
Mouse thymic virus (MTV)	Serum	IFA	0/4	0/2	0/2	0/8	0/2	0/8
Pneumonia virus of mice (PVM)	Serum	MFI/ ELISA	0/4	0/6	0/6	0/8	0/6	0/8
Polyoma virus	Serum	ELISA	0/4	0/2	0/2	0/8	0/2	0/4
Reovirus 3 (REO 3)	Serum	MFI/ ELISA	0/4	0/2	0/2	0/8	0/2	0/8
Rotavirus (EDIM)	Serum	MFI/ ELISA	0/4	0/6	0/6	0/8	0/6	0/8
Sendai virus	Serum	MFI/ ELISA	0/4	0/6	0/6	0/8	0/6	0/8
Murine norovirus (MNV)	Serum	MFI/ ELISA	0/4	0/6	0/6	0/8	0/6	0/8
BACTERIA & MYCOPLASMA								
CAR bacillus	Serum	ELISA	0/4	0/2	0/2	0/8	0/2	0/8
<i>Klebsiella</i> species	Trachea/Naso	Culture	0/4	0/10	0/10	0/12	0/8	0/12
<i>Pasteurella pneumotropica</i>	Trachea/Naso	Culture	0/4	0/10	0/10	0/12	0/8	0/12
<i>Staphylococcus aureus</i>	Trachea/Naso	Culture	0/4	0/10	0/10	0/12	0/8	0/12
<i>Corynebacterium bovis</i>	Trachea/Naso/Skin Skin/Fur	Culture PCR	0/4 0/4	3/10 8/10	3/10 8/10			
Other respiratory bacteria, including: <i>Bordetella bronchiseptica</i> <i>Corynebacterium kutscheri</i> <i>Pasteurella multocida</i> <i>Streptobacillus moniliformis</i> <i>Streptococcus</i> species	Trachea/Naso	Culture	0/4	0/10	0/10	0/12	0/8	0/12
<i>Mycoplasma arthritis</i> <i>Mycoplasma pulmonis</i>	Serum	MFI/ ELISA	0/4	0/6	0/6	0/8	0/6	0/8

Organism	Sample	Test Method	Sept 21	May 21	Mar'21	Dec'20	Sept'20
BACTERIA & MYCOPLASMA							
Continued							
Intestinal bacteria, including: <i>Citrobacter rodentium</i> <i>Klebsiella</i> species <i>Pseudomonas</i> species <i>Salmonella</i> species	Intestine/Feces	Culture	0/4	0/10	0/12	0/8	0/12
<i>Clostridium (Bacillus) piliforme</i>	Serum	ELISA	0/4	0/6	0/8	0/6	0/8
<i>Helicobacter</i> species <i>H. hepaticus</i> <i>H. bilis</i> <i>H. rodentium</i> <i>H. typhlonius</i>	Intestine/Feces	PCR	0/8	0/10	0/12	0/8	0/12
PARASITES & PROTOZOA							
Fleas, fur mites, lice	Fur Skin/Fur	Visual PCR	0/4 0/4	0/10 -	0/12 0/4	0/8 -	0/12 0/4
Follicle mites (<i>Psorergates simplex</i>)	Subcutis	Visual	0/4	0/10	0/12	0/8	0/12
Pinworms, e.g., <i>Syphacia</i> species	Cecum Feces	Visual PCR	0/4 -	0/10 0/4	0/12 -	0/8 -	0/12
Roundworms and other helminths	Intestine	Visual	0/4	0/10	0/12	0/8	0/12
Tapeworms, e.g., <i>Hymenolepis</i> species	Intestine	Visual	0/4	0/10	0/12	0/8	0/12
Trichomonads	Intestine	Microscopic	0/4	0/10	0/12	0/8	0/12
Other intestinal protozoa, including: <i>Spiroplasma muris</i> <i>Giardia muris</i> Amoebae	Intestine	Microscopic	0/4	0/10	0/12	0/8	0/12
SPOROZOA & FUNGI							
<i>Encephalitozoon cuniculi</i>	Serum	ELISA	0/4	0/2	0/8	0/2	0/8
<i>Pneumocystis murina</i> **	Lung	PCR	0/4	0/6	0/8	0/4	0/8

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**This test is done only in rooms where severely immunodeficient mice are housed.

This report summarizes the results of tests performed on dirty bedding sentinels, retired breeders and young colony mice from barrier-maintained production area M3 Room 13 at UC Davis, CA. Data are reported as positive tests / total tests performed. Please contact the MMRRC at 530-754-6677 or email <mailto:mmrrc@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	Sept'21	May 21	Mar'21	Dec'20	Sep'20
VIRUSES							
Ectromelia virus	Serum	MFI/ ELISA	0/4	0/6	0/8	0/8	0/6
GDVII (Theiler's) virus	Serum	MFI/ ELISA	0/4	0/6	0/8	0/8	0/6
K virus	Serum	ELISA	0/4	0/2	0/4	0/8	0/2
Korean hemorrhagic fever (Hantaan)	Serum	ELISA	0/4	0/6	0/4	0/8	0/2
Lactic dehydrogenase elevating virus	Serum	Enzyme	0/4	0/2	0/4	0/8	0/2
Lymphocytic choriomeningitis (LCMV)	Serum	MFI/ ELISA	0/4	0/6	0/4	0/8	0/2
Minute virus of mice (MVM)	Serum	MFI/ ELISA	0/4	0/6	0/8	0/8	0/6
Mouse adenovirus of mice (MadV)	Serum	MFI/ ELISA	0/4	0/6	0/4	0/8	0/2
Mouse cytomegalovirus (MCMV)	Serum	ELISA	0/4	0/6	0/4	0/8	0/2
Mouse hepatitis virus (MHV)	Serum Feces	MFI/ ELISA PCR	0/4 0/8	0/6 0/2	0/8 0/4	0/8 0/4	0/6 0/2
Mouse parvovirus (MPV)	Serum Mes LN	ELISA PCR	0/4 0/8	0/6 0/6	0/8 0/8	0/6 0/6	0/6 0/6
Mouse thymic virus (MTV)	Serum	IFA	0/4	0/6	0/4	0/8	0/2
Pneumonia virus of mice (PVM)	Serum	MFI/ ELISA	0/4	0/6	0/8	0/8	0/6
Polyoma virus	Serum	ELISA	0/4	0/2	0/4	0/8	0/2
Reovirus 3 (REO 3)	Serum	MFI/ ELISA	0/4	0/6	0/4	0/8	0/2
Rotavirus (EDIM)	Serum	MFI/ ELISA	0/4	0/6	0/8	0/8	0/6
Sendai virus	Serum	MFI/ ELISA	0/4	0/6	0/8	0/8	0/6
Murine norovirus (MNV)	Serum	MFI/ ELISA	0/4	0/6	0/8	0/8	0/6
BACTERIA & MYCOPLASMA							
CAR bacillus	Serum	ELISA	0/4	0/6	0/4	0/8	0/2
<i>Klebsiella</i> species	Trachea/Naso	Culture	0/4	0/8	0/12	0/10	0/8
<i>Pasteurella pneumotropica</i>	Trachea/Naso	Culture	0/4	0/8	0/12	0/10	0/8
<i>Staphylococcus aureus</i>	Trachea/Naso	Culture	0/4	0/8	0/12	0/10	0/8
<i>Corynebacterium bovis</i>	Trachea/Naso/Skin Skin/Fur	Culture PCR	0/4 0/4	4/4 0/4	0/12	0/10	0/8
Other respiratory bacteria, including: <i>Bordetella bronchiseptica</i> <i>Corynebacterium kutscheri</i> <i>Pasteurella multocida</i> <i>Streptobacillus moniliformis</i> <i>Streptococcus</i> species	Trachea/Naso	Culture	0/4	0/8	0/8	0/8	0/6
<i>Mycoplasma arthritis</i> <i>Mycoplasma pulmonis</i>	Serum	MFI/ ELISA	0/4	0/6	0/8	0/8	0/6

Organism	Sample	Test Method	Sept 21	May 21	Mar'21	Dec'20	Sep'20
BACTERIA & MYCOPLASMA							
Continued							
Intestinal bacteria, including: <i>Citrobacter rodentium</i> <i>Klebsiella</i> species <i>Pseudomonas</i> species <i>Salmonella</i> species	Intestine/Feces	Culture	0/4	0/8	0/12	0/12	0/8
<i>Clostridium (Bacillus) piliforme</i>	Serum	ELISA	0/4	0/6	0/8	0/8	0/6
<i>Helicobacter</i> species <i>H. hepaticus</i> <i>H. bilis</i> <i>H. rodentium</i> <i>H. typhlonius</i>	Intestine/Feces	PCR	0/8	0/8	0/12	0/12	0/8
PARASITES & PROTOZOA							
Fleas, fur mites, lice	Fur Skin/Fur	Visual PCR	0/4 0/4	0/8	0/12 0/4	0/12 -	0/8 0/4
Follicle mites (<i>Psorergates simplex</i>)	Subcutis	Visual	0/4	0/8	0/12	0/12	0/8
Pinworms, e.g., <i>Syphacia</i> species	Cecum Feces	Visual PCR	0/4 -	0/8 0/4	0/12 -	0/12	0/8
Roundworms and other helminths	Intestine	Visual	0/4	0/8	0/12	0/12	0/8
Tapeworms, e.g., <i>Hymenolepis</i> species	Intestine	Visual	0/4	0/8	0/12	0/12	0/8
Trichomonads	Intestine	Microscopic	0/4	0/8	0/12	0/12	0/8
Other intestinal protozoa, including: <i>Spironucleus muris</i> <i>Giardia muris</i> Amoebae	Intestine	Microscopic	0/4	0/8	0/12	0/12	0/8
SPOROZOA & FUNGI							
<i>Encephalitozoon cuniculi</i>	Serum	ELISA	0/4	0/6	0/4	0/8	0/2
<i>Pneumocystis murina</i> **	Lung	PCR	0/4	0/4	0/8	0/8	0/4

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