

PRODUCTION FACILITY
AREA: M3-11
ANIMAL HEALTH REPORT

Date: 09/30/20
Result Summary
Data added August 2020
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 11 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.



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 | Aug'20 | May'20 | | | | |
|---|---------|-------------|--------|--------|--|--|--|--|
| VIRUSES | | | | | | | | |
| Ectromelia virus | Serum | MFI/ ELISA | 0/6 | 0/6 | | | | |
| GDVII (Theiler's) virus | Serum | MFI/ ELISA | 0/6 | 0/6 | | | | |
| K virus | Serum | ELISA | 0/2 | 0/6 | | | | |
| Korean hemorrhagic fever (Hantaan) | Serum | ELISA | 0/2 | 0/6 | | | | |
| Lactic dehydrogenase elevating virus | Serum | Enzyme | 0/2 | 0/6 | | | | |
| Lymphocytic choriomeningitis (LCMV) | Serum | MFI/ ELISA | 0/2 | 0/6 | | | | |
| Minute virus of mice (MVM) | Serum | MFI/ ELISA | 0/6 | 0/6 | | | | |
| Mouse adenovirus of mice (MadV) | Serum | MFI/ ELISA | 0/2 | 0/6 | | | | |
| Mouse cytomegalovirus (MCMV) | Serum | ELISA | 0/2 | 0/6 | | | | |
| Mouse hepatitis virus (MHV) | Serum | MFI/ ELISA | 0/6 | 0/6 | | | | |
| | Feces | PCR | 0/2 | 0/2 | | | | |
| Mouse parvovirus (MPV) | Serum | ELISA | 0/6 | 0/6 | | | | |
| | Mes LN | PCR | 0/6 | 0/6 | | | | |
| Mouse kidney parvovirus (MKPV) | Kidney | PCR | - | 0/6 | | | | |
| Mouse thymic virus (MTV) | Serum | IFA | 0/2 | 0/6 | | | | |
| Pneumonia virus of mice (PVM) | Serum | MFI/ ELISA | 0/6 | 0/6 | | | | |
| Polyoma virus | Serum | ELISA | 0/2 | 0/6 | | | | |
| Reovirus 3 (REO 3) | Serum | MFI/ ELISA | 0/2 | 0/6 | | | | |
| Rotavirus (EDIM) | Serum | MFI/ ELISA | 0/6 | 0/6 | | | | |
| Sendai virus | Serum | MFI/ ELISA | 0/6 | 0/6 | | | | |
| Murine norovirus (MNV) | Serum | MFI/ ELISA | 0/6 | 0/6 | | | | |
| BACTERIA & MYCOPLASMA | | | | | | | | |
| CAR bacillus | Serum | ELISA | 0/2 | 0/6 | | | | |
| <i>Klebsiella</i> species | Trachea | Culture | 0/8 | 0/8 | | | | |
| <i>Pasteurella pneumotropica</i> | Trachea | Culture | 0/8 | 0/8 | | | | |
| <i>Staphylococcus aureus</i> | Trachea | Culture | 0/8 | 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 | Culture | 0/8 | 0/8 | | | | |
| <i>Mycoplasma arthritidis</i> <i>Mycoplasma pulmonis</i> | Serum | MFI/ ELISA | 0/6 | 0/6 | | | | |

PRODUCTION FACILITY
AREA: M3-11
ANIMAL HEALTH REPORT

Date: 09/30/20
Result Summary
Data added August 2020
Current positive results are in **bold**.
See data below.

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

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

PRODUCTION FACILITY
AREA: M3-15
ANIMAL HEALTH REPORT

Date: 09/30/20
Result Summary
Data added Jul 2020
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.



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 | Jul'20 | Apr'20 | Jan'20 | Oct'19 | Jul'19 |
|---|---------|-------------|--------|--------|--------|--------|--------|
| VIRUSES | | | | | | | |
| Ectromelia virus | Serum | MFI/ ELISA | 0/6 | 0/6 | 0/6 | 0/6 | 0/6 |
| GDVII (Theiler's) virus | Serum | MFI/ ELISA | 0/6 | 0/6 | 0/6 | 0/6 | 0/6 |
| K virus | Serum | ELISA | 0/6 | 0/2 | 0/2 | 0/2 | 0/6 |
| Korean hemorrhagic fever (Hantaan) | Serum | ELISA | 0/6 | 0/2 | 0/6 | 0/2 | 0/6 |
| Lactic dehydrogenase elevating virus | Serum | Enzyme | 0/6 | 0/2 | 0/2 | 0/2 | 0/6 |
| Lymphocytic choriomeningitis (LCMV) | Serum | MFI/ ELISA | 0/6 | 0/2 | 0/6 | 0/2 | 0/6 |
| Minute virus of mice (MVM) | Serum | MFI/ ELISA | 0/6 | 0/6 | 0/6 | 0/6 | 0/6 |
| Mouse adenovirus of mice (MadV) | Serum | MFI/ ELISA | 0/6 | 0/2 | 0/6 | 0/2 | 0/6 |
| Mouse cytomegalovirus (MCMV) | Serum | ELISA | 0/6 | 0/2 | 0/6 | 0/2 | 0/6 |
| Mouse hepatitis virus (MHV) | Serum | MFI/ ELISA | 0/6 | 0/6 | 0/6 | 0/6 | 0/6 |
| | Feces | PCR | 0/2 | 0/2 | 0/2 | 0/2 | 0/2 |
| Mouse parvovirus (MPV) | Serum | ELISA | 0/6 | 0/6 | 0/6 | 0/6 | 0/6 |
| | Mes LN | PCR | 0/6 | 0/6 | 0/6 | 0/6 | 0/6 |
| Mouse kidney parvovirus (MKPV) | Kidney | PCR | 0/6 | - | - | - | 0/6 |
| Mouse thymic virus (MTV) | Serum | IFA | 0/6 | 0/2 | 0/6 | 0/2 | 0/6 |
| Pneumonia virus of mice (PVM) | Serum | MFI/ ELISA | 0/6 | 0/6 | 0/6 | 0/6 | 0/6 |
| Polyoma virus | Serum | ELISA | 0/6 | 0/2 | 0/2 | 0/2 | 0/6 |
| Reovirus 3 (REO 3) | Serum | MFI/ ELISA | 0/6 | 0/2 | 0/6 | 0/2 | 0/6 |
| Rotavirus (EDIM) | Serum | MFI/ ELISA | 0/6 | 0/6 | 0/6 | 0/6 | 0/6 |
| Sendai virus | Serum | MFI/ ELISA | 0/6 | 0/6 | 0/6 | 0/6 | 0/6 |
| Murine norovirus (MNV) | Serum | MFI/ ELISA | 0/6 | 0/6 | 0/6 | 0/2 | 0/6 |
| BACTERIA & MYCOPLASMA | | | | | | | |
| CAR bacillus | Serum | ELISA | 0/6 | 0/2 | 0/6 | 0/2 | 0/6 |
| <i>Klebsiella</i> species | Trachea | Culture | 0/8 | 0/8 | 0/8 | 0/8 | 0/8 |
| <i>Pasteurella pneumotropica</i> | Trachea | Culture | 0/8 | 0/8 | 0/8 | 0/8 | 0/8 |
| <i>Staphylococcus aureus</i> | Trachea | Culture | 0/8 | 0/8 | 0/8 | 0/8 | 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 | Culture | 0/8 | 0/8 | 0/8 | 0/8 | 0/8 |
| <i>Mycoplasma arthritidis</i> <i>Mycoplasma pulmonis</i> | Serum | MFI/ ELISA | 0/6 | 0/6 | 0/6 | 0/6 | 0/6 |

PRODUCTION FACILITY
AREA: M3-15
ANIMAL HEALTH REPORT

Date: 09/30/20
Result Summary
Data added Jul 2020
Current positive results are in **bold**.
See data below.

| Organism | Sample | Test Method | Jul'20 | Apr'20 | Jan'20 | Oct'18 | Jul'19 |
|---|---------------------|--------------|------------|------------|--------|--------|------------|
| BACTERIA & MYCOPLASMA | | | | | | | |
| Continued | | | | | | | |
| Intestinal bacteria, including: <i>Citrobacter rodentium</i> <i>Klebsiella</i> species <i>Pseudomonas</i> species <i>Salmonella</i> species | Intestine | Culture | 0/8 | 0/8 | 0/8 | 0/8 | 0/8 |
| Fecal bacteria, including: <i>Citrobacter rodentium</i> <i>Klebsiella</i> species <i>Pseudomonas</i> species <i>Salmonella</i> species | Feces | Culture | - | - | - | - | - |
| <i>Clostridium (Bacillus) piliforme</i> | Serum | ELISA | 0/6 | 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 | Micro PCR | 0/8 0/4 | 0/8 0/4 | 0/8 | 0/8 | 0/8 0/4 |
| Follicle mites (<i>Psorergates simplex</i>) | Subcutis | Visual | 0/8 | 0/8 | 0/8 | 0/8 | 0/8 |
| Pinworms, e.g., <i>Syphacia</i> species | Cecum | Visual | 0/8 | 0/8 | 0/8 | 0/8 | 0/8 |
| Roundworms and other helminths | Intestine | Visual | 0/8 | 0/8 | 0/8 | 0/8 | 0/8 |
| Tapeworms, e.g., <i>Hymenolepis</i> species | Intestine | Visual | 0/8 | 0/8 | 0/8 | 0/8 | 0/8 |
| Trichomonads | Intestine | Micro | 0/8 | 0/8 | 0/8 | 0/8 | 0/8 |
| Other intestinal protozoa, including: <i>Spiroplasma muris</i> <i>Giardia muris</i> Amoebae | Intestine | Micro | 0/8 | 0/8 | 0/8 | 0/8 | 0/8 |
| SPOROZOA & FUNGI | | | | | | | |
| <i>Encephalitozoon cuniculi</i> | Serum | ELISA | 0/6 | 0/2 | 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 and 11).

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

PRODUCTION FACILITY
AREA: M3-16
ANIMAL HEALTH REPORT

Date: 09/30/20
Result Summary
Data added Sept 2020
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'20 | Jun'20 | Mar'20 | Dec'19 | Sep'19 |
|---|---------|-------------|---------|--------|--------|--------|--------|
| VIRUSES | | | | | | | |
| Ectromelia virus | Serum | MFI/ ELISA | 0/6 | 0/6 | 0/6 | 0/6 | 0/6 |
| GDVII (Theiler's) virus | Serum | MFI/ ELISA | 0/6 | 0/6 | 0/6 | 0/6 | 0/6 |
| K virus | Serum | ELISA | 0/2 | 0/2 | 0/6 | 0/2 | 0/2 |
| Korean hemorrhagic fever (Hantaan) | Serum | ELISA | 0/6 | 0/2 | 0/6 | 0/2 | 0/6 |
| Lactic dehydrogenase elevating virus | Serum | Enzyme | 0/2 | 0/2 | 0/6 | 0/2 | 0/2 |
| Lymphocytic choriomeningitis (LCMV) | Serum | MFI/ ELISA | 0/6 | 0/2 | 0/6 | 0/2 | 0/6 |
| Minute virus of mice (MVM) | Serum | MFI/ ELISA | 0/6 | 0/6 | 0/6 | 0/6 | 0/6 |
| Mouse adenovirus of mice (MadV) | Serum | MFI/ ELISA | 0/6 | 0/2 | 0/6 | 0/2 | 0/6 |
| Mouse cytomegalovirus (MCMV) | Serum | ELISA | 0/6 | 0/2 | 0/6 | 0/2 | 0/6 |
| Mouse hepatitis virus (MHV) | Serum | MFI/ ELISA | 0/6 | 0/6 | 0/6 | 0/6 | 0/6 |
| | Feces | PCR | 0/2 | 0/2 | 0/2 | 0/2 | 0/2 |
| Mouse parvovirus (MPV) | Serum | ELISA | 0/6 | 0/6 | 0/6 | 0/6 | 0/6 |
| | Mes LN | PCR | 0/6 | 0/6 | 0/6 | 0/6 | 0/6 |
| Mouse kidney parvovirus (MKPV) | Kidney | PCR | - | - | - | 0/4 | 0/4 |
| Mouse thymic virus (MTV) | Serum | IFA | 0/6 | 0/2 | 0/6 | 0/2 | 0/6 |
| Pneumonia virus of mice (PVM) | Serum | MFI/ ELISA | 0/6 | 0/6 | 0/6 | 0/6 | 0/6 |
| Polyoma virus | Serum | ELISA | 0/2 | 0/2 | 0/6 | 0/2 | 0/2 |
| Reovirus 3 (REO 3) | Serum | MFI/ ELISA | 0/6 | 0/2 | 0/6 | 0/2 | 0/6 |
| Rotavirus (EDIM) | Serum | MFI/ ELISA | 0/6 | 0/6 | 0/6 | 0/6 | 0/6 |
| Sendai virus | Serum | MFI/ ELISA | 0/6 | 0/6 | 0/6 | 0/6 | 0/6 |
| Murine norovirus (MNV) | Serum | MFI/ ELISA | 0/6 | 0/6 | 0/6 | 0/6 | 0/6 |
| BACTERIA & MYCOPLASMA | | | | | | | |
| CAR bacillus | Serum | ELISA | 0/6 | 0/2 | 0/6 | 0/2 | 0/6 |
| <i>Klebsiella</i> species | Trachea | Culture | 0/8 | 0/8 | 0/8 | 0/8 | 0/8 |
| <i>Pasteurella pneumotropica</i> | Trachea | Culture | 0/8 | 0/8 | 0/8 | 0/8 | 0/8 |
| <i>Staphylococcus aureus</i> | Trachea | Culture | 0/8 | 0/8 | 0/8 | 0/8 | 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 | Culture | 0/8 | 0/8 | 0/8 | 0/8 | 0/8 |
| <i>Mycoplasma arthritidis</i> <i>Mycoplasma pulmonis</i> | Serum | MFI/ ELISA | 0/6 | 0/6 | 0/6 | 0/6 | 0/6 |

PRODUCTION FACILITY
AREA: M3-16
ANIMAL HEALTH REPORT

Date: 09/30/20
Result Summary
Data added Sept 2020
Current positive results are in **bold**.
See data below.

| Organism | Sample | Test Method | Sept'20 | Jun'20 | Mar'20 | Dec'19 | Sep'19 |
|---|---------------------|--------------|------------|------------|------------|------------|--------|
| BACTERIA & MYCOPLASMA | | | | | | | |
| Continued | | | | | | | |
| Intestinal bacteria, including: <i>Citrobacter rodentium</i> <i>Klebsiella</i> species <i>Pseudomonas</i> species <i>Salmonella</i> species | Intestine | Culture | 0/8 | 0/8 | 0/8 | 0/6 | 0/8 |
| Fecal bacteria, including: <i>Citrobacter rodentium</i> <i>Klebsiella</i> species <i>Pseudomonas</i> species <i>Salmonella</i> species | Feces | Culture | - | - | - | - | - |
| <i>Clostridium (Bacillus) piliforme</i> | Serum | ELISA | 0/6 | 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 | Micro PCR | 0/8 0/4 | 0/8 0/4 | 0/8 0/4 | 0/8 0/4 | 0/8 |
| Follicle mites <i>(Psorergates simplex)</i> | Subcutis | Visual | 0/8 | 0/8 | 0/8 | 0/8 | 0/8 |
| Pinworms, e.g., <i>Syphacia</i> species | Cecum | Visual | 0/8 | 0/8 | 0/8 | 0/8 | 0/8 |
| Roundworms and other helminths | Intestine | Visual | 0/8 | 0/8 | 0/8 | 0/8 | 0/8 |
| Tapeworms, e.g., <i>Hymenolepis</i> species | Intestine | Visual | 0/8 | 0/8 | 0/8 | 0/8 | 0/8 |
| Trichomonads | Intestine | Micro | 0/8 | 0/8 | 0/8 | 0/8 | 0/8 |
| Other intestinal protozoa, including: <i>Spiroplasma muris</i> <i>Giardia muris</i> Amoebae | Intestine | Micro | 0/8 | 0/8 | 0/8 | 0/8 | 0/8 |
| SPOROZOA & FUNGI | | | | | | | |
| <i>Encephalitozoon cuniculi</i> | Serum | ELISA | 0/6 | 0/2 | 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 and 11).

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

PRODUCTION FACILITY
AREA: M3-3
ANIMAL HEALTH REPORT

Date: 09/30/20
Result Summary
Data added Sept. 2020
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'20 | Jun'20 | Mar'20 | Dec'19 | Sep'19 |
|---|---------|-------------|---------|--------|--------|--------|--------|
| VIRUSES | | | | | | | |
| Ectromelia virus | Serum | MFI/ ELISA | 0/6 | 0/6 | 0/6 | 0/6 | 0/6 |
| GDVII (Theiler's) virus | Serum | MFI/ ELISA | 0/6 | 0/6 | 0/6 | 0/6 | 0/6 |
| K virus | Serum | ELISA | 0/6 | 0/2 | 0/2 | 0/2 | 0/6 |
| Korean hemorrhagic fever (Hantaan) | Serum | ELISA | 0/6 | 0/2 | 0/6 | 0/2 | 0/6 |
| Lactic dehydrogenase elevating virus | Serum | Enzyme | 0/6 | 0/2 | 0/2 | 0/2 | 0/6 |
| Lymphocytic choriomeningitis (LCMV) | Serum | MFI/ ELISA | 0/6 | 0/2 | 0/6 | 0/2 | 0/6 |
| Minute virus of mice (MVM) | Serum | MFI/ ELISA | 0/6 | 0/6 | 0/6 | 0/6 | 0/6 |
| Mouse adenovirus of mice (MadV) | Serum | MFI/ ELISA | 0/6 | 0/2 | 0/6 | 0/2 | 0/6 |
| Mouse cytomegalovirus (MCMV) | Serum | ELISA | 0/6 | 0/2 | 0/6 | 0/2 | 0/6 |
| Mouse hepatitis virus (MHV) | Serum | MFI/ ELISA | 0/6 | 0/6 | 0/6 | 0/6 | 0/6 |
| | Feces | PCR | 0/2 | 0/2 | 0/2 | 0/2 | 0/2 |
| Mouse parvovirus (MPV) | Serum | ELISA | 0/6 | 0/6 | 0/6 | 0/6 | 0/6 |
| | Mes LN | PCR | 0/6 | 0/6 | 0/6 | 0/6 | 0/6 |
| Mouse kidney parvovirus (MKPV) | Kidney | PCR | - | - | - | 0/4 | 0/4 |
| Mouse thymic virus (MTV) | Serum | IFA | 0/6 | 0/2 | 0/6 | 0/2 | 0/6 |
| Pneumonia virus of mice (PVM) | Serum | MFI/ ELISA | 0/6 | 0/6 | 0/6 | 0/6 | 0/6 |
| Polyoma virus | Serum | ELISA | 0/6 | 0/2 | 0/2 | 0/2 | 0/6 |
| Reovirus 3 (REO 3) | Serum | MFI/ ELISA | 0/6 | 0/2 | 0/6 | 0/2 | 0/6 |
| Rotavirus (EDIM) | Serum | MFI/ ELISA | 0/6 | 0/6 | 0/6 | 0/6 | 0/6 |
| Sendai virus | Serum | MFI/ ELISA | 0/6 | 0/6 | 0/6 | 0/6 | 0/6 |
| Murine norovirus (MNV) | Serum | MFI/ ELISA | 0/6 | 0/6 | 0/6 | 0/2 | 0/6 |
| BACTERIA & MYCOPLASMA | | | | | | | |
| CAR bacillus | Serum | ELISA | 0/6 | 0/2 | 0/6 | 0/2 | 0/6 |
| <i>Klebsiella</i> species | Trachea | Culture | 0/8 | 0/8 | 0/8 | 0/8 | 0/8 |
| <i>Pasteurella pneumotropica</i> | Trachea | Culture | 0/8 | 0/8 | 0/8 | 0/8 | 0/8 |
| <i>Staphylococcus aureus</i> | Trachea | Culture | 0/8 | 0/8 | 0/8 | 0/8 | 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 | Culture | 0/8 | 0/8 | 0/8 | 0/8 | 0/8 |
| <i>Mycoplasma arthritidis</i> <i>Mycoplasma pulmonis</i> | Serum | MFI/ ELISA | 0/6 | 0/6 | 0/6 | 0/6 | 0/6 |

PRODUCTION FACILITY
AREA: M3-3
ANIMAL HEALTH REPORT

Date: 09/30/20
Result Summary
Data added Sept. 2020
Current positive results are in **bold**.
See data below.

| Organism | Sample | Test Method | Sept'20 | Jun'20 | Mar'20 | Dec'19 | Sep'19 |
|---|---------------------|--------------|------------|------------|------------|------------|--------|
| BACTERIA & MYCOPLASMA | | | | | | | |
| Continued | | | | | | | |
| Intestinal bacteria, including: <i>Citrobacter rodentium</i> <i>Klebsiella</i> species <i>Pseudomonas</i> species <i>Salmonella</i> species | Intestine | Culture | 0/8 | 0/8 | 0/8 | 0/8 | 0/8 |
| Fecal bacteria, including: <i>Citrobacter rodentium</i> <i>Klebsiella</i> species <i>Pseudomonas</i> species <i>Salmonella</i> species | Feces | Culture | - | - | - | - | - |
| <i>Clostridium (Bacillus) piliforme</i> | Serum | ELISA | 0/6 | 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 | Micro PCR | 0/8 0/4 | 0/8 0/4 | 0/8 0/4 | 0/8 0/4 | 0/8 |
| Follicle mites (<i>Psorergates simplex</i>) | Subcutis | Visual | 0/8 | 0/8 | 0/8 | 0/8 | 0/8 |
| Pinworms, e.g., <i>Syphacia</i> species | Cecum | Visual | 0/8 | 0/8 | 0/8 | 0/8 | 0/8 |
| Roundworms and other helminths | Intestine | Visual | 0/8 | 0/8 | 0/8 | 0/8 | 0/8 |
| Tapeworms, e.g., <i>Hymenolepis</i> species | Intestine | Visual | 0/8 | 0/8 | 0/8 | 0/8 | 0/8 |
| Trichomonads | Intestine | Micro | 0/8 | 0/8 | 0/8 | 0/8 | 0/8 |
| Other intestinal protozoa, including: <i>Spiroplasma muris</i> <i>Giardia muris</i> Amoebae | Intestine | Micro | 0/8 | 0/8 | 0/8 | 0/8 | 0/8 |
| SPOOROZOA & FUNGI | | | | | | | |
| <i>Encephalitozoon cuniculi</i> | Serum | ELISA | 0/6 | 0/2 | 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 12).

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

PRODUCTION FACILITY
AREA: M3-4
ANIMAL HEALTH REPORT

Date: 09/30/20
Result Summary
Data added Jul 2020
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 4 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 | Jul'20 | Apr'20 | Jan'20 | Oct'19 | Jul'19 |
|---|---------|-------------|--------|--------|--------|--------|--------|
| VIRUSES | | | | | | | |
| Ectromelia virus | Serum | MFI/ ELISA | 0/6 | 0/6 | 0/6 | 0/6 | 0/6 |
| GDVII (Theiler's) virus | Serum | MFI/ ELISA | 0/6 | 0/6 | 0/6 | 0/6 | 0/6 |
| K virus | Serum | ELISA | 0/2 | 0/6 | 0/2 | 0/2 | 0/2 |
| Korean hemorrhagic fever (Hantaan) | Serum | ELISA | 0/2 | 0/6 | 0/2 | 0/6 | 0/2 |
| Lactic dehydrogenase elevating virus | Serum | Enzyme | 0/2 | 0/6 | 0/2 | 0/2 | 0/2 |
| Lymphocytic choriomeningitis (LCMV) | Serum | MFI/ ELISA | 0/2 | 0/6 | 0/2 | 0/6 | 0/2 |
| Minute virus of mice (MVM) | Serum | MFI/ ELISA | 0/6 | 0/6 | 0/6 | 0/6 | 0/6 |
| Mouse adenovirus of mice (MadV) | Serum | MFI/ ELISA | 0/2 | 0/6 | 0/2 | 0/6 | 0/2 |
| Mouse cytomegalovirus (MCMV) | Serum | ELISA | 0/2 | 0/6 | 0/2 | 0/6 | 0/2 |
| Mouse hepatitis virus (MHV) | Serum | MFI/ ELISA | 0/6 | 0/6 | 0/6 | 0/6 | 0/6 |
| | Feces | PCR | 0/2 | 0/2 | 0/2 | 0/2 | 0/2 |
| Mouse parvovirus (MPV) | Serum | ELISA | 0/6 | 0/6 | 0/6 | 0/6 | 0/6 |
| | Mes LN | PCR | 0/6 | 0/6 | 0/6 | 0/6 | 0/6 |
| Mouse kidney parvovirus (MKPV) | Kidney | PCR | - | - | - | 0/4 | 0/4 |
| Mouse thymic virus (MTV) | Serum | IFA | 0/2 | 0/6 | 0/2 | 0/6 | 0/2 |
| Pneumonia virus of mice (PVM) | Serum | MFI/ ELISA | 0/6 | 0/6 | 0/6 | 0/6 | 0/6 |
| Polyoma virus | Serum | ELISA | 0/2 | 0/6 | 0/2 | 0/2 | 0/2 |
| Reovirus 3 (REO 3) | Serum | MFI/ ELISA | 0/2 | 0/6 | 0/2 | 0/6 | 0/2 |
| Rotavirus (EDIM) | Serum | MFI/ ELISA | 0/6 | 0/6 | 0/6 | 0/6 | 0/6 |
| Sendai virus | Serum | MFI/ ELISA | 0/6 | 0/6 | 0/6 | 0/6 | 0/6 |
| Murine norovirus (MNV) | Serum | MFI/ ELISA | 0/6 | 0/6 | 0/6 | 0/6 | 0/6 |
| BACTERIA & MYCOPLASMA | | | | | | | |
| CAR bacillus | Serum | ELISA | 0/2 | 0/6 | 0/2 | 0/6 | 0/2 |
| <i>Klebsiella</i> species | Trachea | Culture | 0/8 | 0/8 | 0/8 | 0/8 | 0/8 |
| <i>Pasteurella pneumotropica</i> | Trachea | Culture | 0/8 | 0/8 | 0/8 | 0/8 | 0/8 |
| <i>Staphylococcus aureus</i> | Trachea | Culture | 0/8 | 0/8 | 0/8 | 0/8 | 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 | Culture | 0/8 | 0/8 | 0/8 | 0/8 | 0/8 |
| <i>Mycoplasma arthritis</i> <i>Mycoplasma pulmonis</i> | Serum | MFI/ ELISA | 0/6 | 0/6 | 0/6 | 0/6 | 0/6 |

PRODUCTION FACILITY
AREA: M3-4
ANIMAL HEALTH REPORT

Date: 09/30/20
Result Summary
Data added Jul 2020
Current positive results are in **bold**.
See data below.

| Organism | Sample | Test Method | Jul'20 | Apr'20 | Jan'20 | Oct'19 | Jul'19 |
|---|---------------------|--------------|------------|------------|------------|------------|------------|
| BACTERIA & MYCOPLASMA | | | | | | | |
| Continued | | | | | | | |
| Intestinal bacteria, including: <i>Citrobacter rodentium</i> <i>Klebsiella</i> species <i>Pseudomonas</i> species <i>Salmonella</i> species | Intestine | Culture | 0/8 | 0/8 | 0/8 | 0/8 | 0/8 |
| Fecal bacteria, including: <i>Citrobacter rodentium</i> <i>Klebsiella</i> species <i>Pseudomonas</i> species <i>Salmonella</i> species | Feces | Culture | - | - | - | - | - |
| <i>Clostridium (Bacillus) piliforme</i> | Serum | ELISA | 0/6 | 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 | Micro PCR | 0/8 0/4 | 0/8 0/4 | 0/8 0/4 | 0/8 0/4 | 0/8 0/4 |
| Follicle mites (<i>Psorergates simplex</i>) | Subcutis | Visual | 0/8 | 0/8 | 0/8 | 0/8 | 0/8 |
| Pinworms, e.g., <i>Syphacia</i> species | Cecum | Visual | 0/8 | 0/8 | 0/8 | 0/8 | 0/8 |
| Roundworms and other helminths | Intestine | Visual | 0/8 | 0/8 | 0/8 | 0/8 | 0/8 |
| Tapeworms, e.g., <i>Hymenolepis</i> species | Intestine | Visual | 0/8 | 0/8 | 0/8 | 0/8 | 0/8 |
| Trichomonads | Intestine | Micro | 0/8 | 0/8 | 0/8 | 0/8 | 0/8 |
| Other intestinal protozoa, including: <i>Spiroplasma muris</i> <i>Giardia muris</i> Amoebae | Intestine | Micro | 0/8 | 0/8 | 0/8 | 0/8 | 0/8 |
| SPOROZOA & FUNGI | | | | | | | |
| <i>Encephalitozoon cuniculi</i> | Serum | ELISA | 0/2 | 0/6 | 0/2 | 0/6 | 0/2 |
| <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 and 11).

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



MMRRC Production Facility
Area: UCD-M3-18
Rodent Health Surveillance

Date: September 30, 2020
Summary MMRRC Basic Profile
Data added August 2020
Current positive results in **BOLD**

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 18 at UC Davis, CA. Data are reported as positive tests / total tests performed. Please contact the MMRRC at 530-754-6677 or email 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 | Aug'20 | Jul'20 | Apr'20 | Jan'20 | Oct'19 |
|--|---------|-------------|--------|--------|--------|--------|--------|
| VIRUSES | | | | | | | |
| Ectromelia virus | Serum | MFI/ ELISA | 0/2 | 0/6 | 0/8 | 0/6 | 0/6 |
| GDVII (Theiler's) virus | Serum | MFI/ ELISA | 0/2 | 0/6 | 0/8 | 0/6 | 0/6 |
| K virus | Serum | ELISA | 0/2 | 0/2 | 0/4 | 0/2 | 0/6 |
| Korean hemorrhagic fever (Hantaan) | Serum | ELISA | 0/2 | 0/2 | 0/8 | 0/2 | 0/6 |
| Lactic dehydrogenase elevating virus | Serum | Enzyme | 0/2 | 0/2 | 0/4 | 0/2 | 0/6 |
| Lymphocytic choriomeningitis (LCMV) | Serum | MFI/ ELISA | 0/2 | 0/2 | 0/8 | 0/2 | 0/6 |
| Minute virus of mice (MVM) | Serum | MFI/ ELISA | 0/2 | 0/6 | 0/8 | 0/6 | 0/6 |
| Mouse adenovirus of mice (MadV) | Serum | MFI/ ELISA | 0/2 | 0/2 | 0/8 | 0/2 | 0/6 |
| Mouse cytomegalovirus (MCMV) | Serum | ELISA | 0/2 | 0/2 | 0/8 | 0/2 | 0/6 |
| Mouse hepatitis virus (MHV) | Serum | MFI/ ELISA | 0/2 | 0/6 | 0/8 | 0/6 | 0/6 |
| | Feces | PCR | 0/2 | 0/2 | 0/8 | 0/2 | 0/2 |
| Mouse parvovirus (MPV) | Serum | ELISA | 0/2 | 0/6 | 0/8 | 0/6 | 0/6 |
| | Mes LN | PCR | 0/2 | 0/6 | 0/8 | 0/6 | 0/6 |
| Mouse kidney parvovirus (MKPV) | Kidney | PCR | - | - | - | - | 0/4 |
| Mouse thymic virus (MTV) | Serum | IFA | 0/2 | 0/2 | 0/8 | 0/2 | 0/6 |
| Pneumonia virus of mice (PVM) | Serum | MFI/ ELISA | 0/2 | 0/6 | 0/8 | 0/6 | 0/6 |
| Polyoma virus | Serum | ELISA | 0/2 | 0/2 | 0/4 | 0/2 | 0/6 |
| Reovirus 3 (REO 3) | Serum | MFI/ ELISA | 0/2 | 0/2 | 0/8 | 0/2 | 0/6 |
| Rotavirus (EDIM) | Serum | MFI/ ELISA | 0/2 | 0/6 | 0/8 | 0/6 | 0/6 |
| Sendai virus | Serum | MFI/ ELISA | 0/2 | 0/6 | 0/8 | 0/6 | 0/6 |
| Murine norovirus (MNV) | Serum | MFI/ ELISA | 0/2 | 0/6 | 0/8 | 0/6 | 0/6 |
| BACTERIA & MYCOPLASMA | | | | | | | |
| CAR bacillus | Serum | ELISA | 0/2 | 0/2 | 0/8 | 0/2 | 0/6 |
| <i>Klebsiella</i> species | Trachea | Culture | 0/4 | 0/8 | 0/12 | 0/8 | 0/8 |
| <i>Pasteurella pneumotropica</i> | Trachea | Culture | 0/4 | 0/8 | 0/12 | 0/8 | 0/8 |
| <i>Staphylococcus aureus</i> | Trachea | Culture | 0/4 | 0/8 | 0/12 | 0/8 | 0/8 |
| Other respiratory bacteria, including: <i>Bordetella bronchiseptica</i> <i>Corynebacterium kutscheri</i> <i>Pasteurella multocida</i> <i>Streptobacillus moniliformis</i> <i>Beta-hemolytic Streptococcus (S. pyogenes, S. agalactiae)</i> <i>Streptococcus pneumoniae</i> | Trachea | Culture | 0/4 | 0/8 | 0/12 | 0/8 | 0/8 |
| <i>Mycoplasma arthritidis</i> <i>Mycoplasma pulmonis</i> | Serum | MFI/ ELISA | 0/2 | 0/8 | 0/8 | 0/8 | 0/6 |



MMRRC Production Facility
Area: UCD-M3-18
Rodent Health Surveillance

Date: September 30, 2020
Summary MMRRC Basic Profile
Data added August 2020
Current positive results in **BOLD**

| Organism | Sample | Test Method | Aug'20 | Jul'20 | Apr'20 | Jan'20 | Oct'19 |
|---|---------------------|--------------|--------|--------|-------------|--------|--------|
| BACTERIA & MYCOPLASMA | | | | | | | |
| Continued | | | | | | | |
| Intestinal bacteria, including: <i>Citrobacter rodentium</i> <i>Klebsiella</i> species <i>Pseudomonas</i> species <i>Salmonella</i> species | Intestine | Culture | 0/4 | 0/8 | 0/12 | 0/8 | 0/8 |
| Fecal bacteria, including: <i>Citrobacter rodentium</i> <i>Klebsiella</i> species <i>Pseudomonas</i> species <i>Salmonella</i> species | Feces | Culture | - | - | - | - | - |
| <i>Clostridium (Bacillus) piliforme</i> | Serum | ELISA | 0/2 | 0/6 | 0/8 | 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 | 0/4 | 0/8 | 0/12 | 0/8 | 0/8 |
| PARASITES & PROTOZOA | | | | | | | |
| Fleas, fur mites, lice | Fur | Micro PCR | 0/4 | 0/8 | 0/12 0/4 | 0/8 | 0/8 |
| Follicle mites (<i>Psorergates simplex</i>) | Subcutis | Visual | 0/4 | 0/8 | 0/12 | 0/8 | 0/8 |
| Pinworms, e.g., <i>Syphacia</i> species | Cecum | Visual | 0/4 | 0/8 | 0/12 | 0/8 | 0/8 |
| Roundworms and other helminths | Intestine | Visual | 0/4 | 0/8 | 0/12 | 0/8 | 0/8 |
| Tapeworms, e.g., <i>Hymenolepis</i> species | Intestine | Visual | 0/4 | 0/8 | 0/12 | 0/8 | 0/8 |
| Trichomonads | Intestine | Micro | 0/4 | 0/8 | 0/12 | 0/8 | 0/8 |
| Other intestinal protozoa, including: <i>Spironucleus muris</i> <i>Giardia muris</i> Amoebae | Intestine | Micro | 0/4 | 0/8 | 0/12 | 0/8 | 0/8 |
| SPOROZOA & FUNGI | | | | | | | |
| <i>Encephalitozoon cuniculi</i> | Serum | ELISA | 0/2 | 0/2 | 0/8 | 0/2 | 0/6 |
| <i>Pneumocystis murina</i> ** | Lung | PCR | 0/4 | 0/4 | 0/8 | 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 facility.

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



MMRRC Production Facility
Area: UCD-M3-2
Rodent Health Surveillance

Date: September 30, 2020
Summary MMRRC Basic Profile
Data added Sept 2020
Current positive results in **BOLD**

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 MMRRC at 530-754-6677 or email 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'20 | Jun'20 | Mar'20 | Dec'19 | Sep'19 |
|--|---------|-------------|---------|--------|--------|--------|--------|
| VIRUSES | | | | | | | |
| Ectromelia virus | Serum | MFI/ ELISA | 0/6 | 0/8 | 0/6 | 0/8 | 0/6 |
| GDVII (Theiler's) virus | Serum | MFI/ ELISA | 0/6 | 0/8 | 0/6 | 0/8 | 0/6 |
| K virus | Serum | ELISA | 0/6 | 0/4 | 0/2 | 0/4 | 0/6 |
| Korean hemorrhagic fever (Hantaan) | Serum | ELISA | 0/6 | 0/4 | 0/6 | 0/4 | 0/6 |
| Lactic dehydrogenase elevating virus | Serum | Enzyme | 0/6 | 0/4 | 0/2 | 0/4 | 0/6 |
| Lymphocytic choriomeningitis (LCMV) | Serum | MFI/ ELISA | 0/6 | 0/4 | 0/6 | 0/4 | 0/6 |
| Minute virus of mice (MVM) | Serum | MFI/ ELISA | 0/6 | 0/8 | 0/6 | 0/8 | 0/6 |
| Mouse adenovirus of mice (MadV) | Serum | MFI/ ELISA | 0/6 | 0/4 | 0/6 | 0/4 | 0/6 |
| Mouse cytomegalovirus (MCMV) | Serum | ELISA | 0/6 | 0/4 | 0/6 | 0/4 | 0/6 |
| Mouse hepatitis virus (MHV) | Serum | MFI/ ELISA | 0/6 | 0/8 | 0/6 | 0/8 | 0/6 |
| | Feces | PCR | 0/2 | 0/4 | 0/2 | 0/4 | 0/2 |
| Mouse parvovirus (MPV) | Serum | ELISA | 0/6 | 0/8 | 0/6 | 0/8 | 0/6 |
| | Mes LN | PCR | 0/6 | 0/8 | 0/6 | 0/8 | 0/2 |
| Mouse kidney parvovirus (MKPV) | Kidney | PCR | - | - | - | 0/4 | 0/4 |
| Mouse thymic virus (MTV) | Serum | IFA | 0/6 | 0/4 | 0/6 | 0/4 | 0/6 |
| Pneumonia virus of mice (PVM) | Serum | MFI/ ELISA | 0/6 | 0/8 | 0/6 | 0/8 | 0/6 |
| Polyoma virus | Serum | ELISA | 0/6 | 0/4 | 0/2 | 0/4 | 0/6 |
| Reovirus 3 (REO 3) | Serum | MFI/ ELISA | 0/6 | 0/4 | 0/6 | 0/4 | 0/6 |
| Rotavirus (EDIM) | Serum | MFI/ ELISA | 0/6 | 0/8 | 0/6 | 0/8 | 0/6 |
| Sendai virus | Serum | MFI/ ELISA | 0/6 | 0/8 | 0/6 | 0/8 | 0/6 |
| Murine norovirus (MNV) | Serum | MFI/ ELISA | 0/6 | 0/8 | 0/6 | 0/8 | 0/6 |
| BACTERIA & MYCOPLASMA | | | | | | | |
| CAR bacillus | Serum | ELISA | 0/6 | 0/4 | 0/6 | 0/4 | 0/6 |
| <i>Klebsiella</i> species | Trachea | Culture | 0/8 | 0/12 | 0/8 | 0/12 | 0/8 |
| <i>Pasteurella pneumotropica</i> | Trachea | Culture | 0/8 | 0/12 | 0/8 | 0/12 | 0/8 |
| <i>Staphylococcus aureus</i> | Trachea | Culture | 0/8 | 0/12 | 0/8 | 0/12 | 0/8 |
| Other respiratory bacteria, including: <i>Bordetella bronchiseptica</i> <i>Corynebacterium kutscheri</i> <i>Pasteurella multocida</i> <i>Streptobacillus moniliformis</i> <i>Beta-hemolytic Streptococcus (S. pyogenes, S. agalactiae)</i> <i>Streptococcus pneumoniae</i> | Trachea | Culture | 0/8 | 0/12 | 0/8 | 0/12 | 0/8 |
| <i>Mycoplasma arthritis</i> <i>Mycoplasma pulmonis</i> | Serum | MFI/ ELISA | 0/4 | 0/8 | 0/6 | 0/8 | 0/6 |



MMRRC Production Facility
Area: UCD-M3-2
Rodent Health Surveillance

Date: September 30, 2020
Summary **MMRRC Basic Profile**
Data added Sept 2020
Current positive results in **BOLD**

| Organism | Sample | Test Method | Sept'20 | Jun'20 | Mar'20 | Dec'19 | Sep'19 |
|---|---------------------|--------------|---------|-------------|--------|-------------|--------|
| BACTERIA & MYCOPLASMA | | | | | | | |
| Continued | | | | | | | |
| Intestinal bacteria, including: <i>Citrobacter rodentium</i> <i>Klebsiella</i> species <i>Pseudomonas</i> species <i>Salmonella</i> species | Intestine | Culture | 0/8 | 0/12 | 0/4 | 0/12 | 0/8 |
| Fecal bacteria, including: <i>Citrobacter rodentium</i> <i>Klebsiella</i> species <i>Pseudomonas</i> species <i>Salmonella</i> species | Feces | Culture | - | - | - | - | - |
| <i>Clostridium (Bacillus) piliforme</i> | Serum | ELISA | 0/6 | 0/8 | 0/2 | 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 | 0/12 | 0/4 | 0/12 | 0/8 |
| PARASITES & PROTOZOA | | | | | | | |
| Fleas, fur mites, lice | Fur | Micro PCR | 0/8 | 0/12 0/4 | 0/4 | 0/12 0/4 | 0/8 |
| Follicle mites (<i>Psorergates simplex</i>) | Subcutis | Visual | 0/8 | 0/12 | 0/4 | 0/12 | 0/8 |
| Pinworms, e.g., <i>Syphacia</i> species | Cecum | Visual | 0/8 | 0/12 | 0/4 | 0/12 | 0/8 |
| Roundworms and other helminths | Intestine | Visual | 0/8 | 0/12 | 0/4 | 0/12 | 0/8 |
| Tapeworms, e.g., <i>Hymenolepis</i> species | Intestine | Visual | 0/8 | 0/12 | 0/4 | 0/12 | 0/8 |
| Trichomonads | Intestine | Micro | 0/8 | 0/12 | 0/4 | 0/12 | 0/8 |
| Other intestinal protozoa, including: <i>Spiroplasma muris</i> <i>Giardia muris</i> Amoebae | Intestine | Micro | 0/8 | 0/12 | 0/4 | 0/12 | 0/8 |
| SPOROZOA & FUNGI | | | | | | | |
| <i>Encephalitozoon cuniculi</i> | Serum | ELISA | 0/6 | 0/4 | 0/2 | 0/4 | 0/6 |
| <i>Pneumocystis murina</i> ** | Lung | PCR | 0/4 | 0/8 | 0/4 | 0/4 | 0/6 |

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 facility.

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



MMRRC Production Facility
Area: UCD-M3-6
Rodent Health Surveillance

Date: September 30, 2020
Summary MMRRC Basic Profile
Data added Sept 2020
Current positive results in **BOLD**

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 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 | Sep'20 | Jun'20 | Mar'20 | Dec'19 | Sep'19 |
|--|---------|-------------|--------|--------|--------|--------|--------|
| VIRUSES | | | | | | | |
| Ectromelia virus | Serum | MFI/ ELISA | 0/8 | 0/6 | 0/8 | 0/6 | 0/8 |
| GDVII (Theiler's) virus | Serum | MFI/ ELISA | 0/8 | 0/6 | 0/8 | 0/6 | 0/8 |
| K virus | Serum | ELISA | 0/2 | 0/2 | 0/8 | 0/2 | 0/4 |
| Korean hemorrhagic fever (Hantaan) | Serum | ELISA | 0/8 | 0/2 | 0/8 | 0/2 | 0/8 |
| Lactic dehydrogenase elevating virus | Serum | Enzyme | 0/2 | 0/2 | 0/8 | 0/2 | 0/4 |
| Lymphocytic choriomeningitis (LCMV) | Serum | MFI/ ELISA | 0/8 | 0/2 | 0/8 | 0/2 | 0/8 |
| Minute virus of mice (MVM) | Serum | MFI/ ELISA | 0/8 | 0/6 | 0/8 | 0/6 | 0/8 |
| Mouse adenovirus of mice (MadV) | Serum | MFI/ ELISA | 0/8 | 0/2 | 0/8 | 0/2 | 0/8 |
| Mouse cytomegalovirus (MCMV) | Serum | ELISA | 0/8 | 0/2 | 0/8 | 0/2 | 0/8 |
| Mouse hepatitis virus (MHV) | Serum | MFI/ ELISA | 0/8 | 0/6 | 0/8 | 0/6 | 0/8 |
| | Feces | PCR | 0/8 | 0/2 | 0/4 | 0/2 | 0/8 |
| Mouse parvovirus (MPV) | Serum | ELISA | 0/8 | 0/6 | 0/8 | 0/6 | 0/8 |
| | Mes LN | PCR | 0/8 | 0/6 | 0/8 | 0/6 | 0/8 |
| Mouse kidney parvovirus (MKPV) | Kidney | PCR | - | - | - | 0/4 | 0/4 |
| Mouse thymic virus (MTV) | Serum | IFA | 0/8 | 0/2 | 0/8 | 0/2 | 0/8 |
| Pneumonia virus of mice (PVM) | Serum | MFI/ ELISA | 0/8 | 0/6 | 0/8 | 0/6 | 0/8 |
| Polyoma virus | Serum | ELISA | 0/4 | 0/2 | 0/8 | 0/2 | 0/4 |
| Reovirus 3 (REO 3) | Serum | MFI/ ELISA | 0/8 | 0/2 | 0/8 | 0/2 | 0/8 |
| Rotavirus (EDIM) | Serum | MFI/ ELISA | 0/8 | 0/6 | 0/8 | 0/6 | 0/8 |
| Sendai virus | Serum | MFI/ ELISA | 0/8 | 0/6 | 0/8 | 0/6 | 0/8 |
| Murine norovirus (MNV) | Serum | MFI/ ELISA | 0/8 | 0/6 | 0/8 | 0/6 | 0/8 |
| BACTERIA & MYCOPLASMA | | | | | | | |
| CAR bacillus | Serum | ELISA | 0/8 | 0/2 | 0/8 | 0/2 | 0/8 |
| <i>Klebsiella</i> species | Trachea | Culture | 0/12 | 0/8 | 0/12 | 0/8 | 0/12 |
| <i>Pasteurella pneumotropica</i> | Trachea | Culture | 0/12 | 0/8 | 0/12 | 0/8 | 0/12 |
| <i>Staphylococcus aureus</i> | Trachea | Culture | 0/12 | 0/8 | 0/12 | 0/8 | 0/12 |
| Other respiratory bacteria, including: <i>Bordetella bronchiseptica</i> <i>Corynebacterium kutscheri</i> <i>Pasteurella multocida</i> <i>Streptobacillus moniliformis</i> <i>Beta-hemolytic Streptococcus (S. pyogenes, S. agalactiae)</i> <i>Streptococcus pneumoniae</i> | Trachea | Culture | 0/12 | 0/8 | 0/12 | 0/8 | 0/12 |
| <i>Mycoplasma arthritis</i> <i>Mycoplasma pulmonis</i> | Serum | MFI/ ELISA | 0/8 | 0/6 | 0/8 | 0/6 | 0/8 |



MMRRC Production Facility
Area: UCD-M3-6
Rodent Health Surveillance

Date: September 30, 2020
Summary MMRRC Basic Profile
Data added Sept 2020
Current positive results in **BOLD**

| Organism | Sample | Test Method | Sep'20 | Jun'20 | Mar'20 | Dec'19 | Sep'19 |
|---|---------------------|--------------|-------------|--------|-------------|--------|-------------|
| BACTERIA & MYCOPLASMA | | | | | | | |
| Continued | | | | | | | |
| Intestinal bacteria, including: <i>Citrobacter rodentium</i> <i>Klebsiella</i> species <i>Pseudomonas</i> species <i>Salmonella</i> species | Intestine | Culture | 0/12 | 0/8 | 0/12 | 0/8 | 0/12 |
| Fecal bacteria, including: <i>Citrobacter rodentium</i> <i>Klebsiella</i> species <i>Pseudomonas</i> species <i>Salmonella</i> species | Feces | Culture | - | - | - | - | - |
| <i>Clostridium (Bacillus) piliforme</i> | Serum | ELISA | 0/8 | 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 | 0/12 | 0/8 | 0/12 | 0/8 | 0/12 |
| PARASITES & PROTOZOA | | | | | | | |
| Fleas, fur mites, lice | Fur | Micro PCR | 0/12 0/4 | 0/8 | 0/12 0/4 | 0/8 | 0/12 0/4 |
| Follicle mites (<i>Psorergates simplex</i>) | Subcutis | Visual | 0/12 | 0/8 | 0/12 | 0/8 | 0/12 |
| Pinworms, e.g., <i>Syphacia</i> species | Cecum | Visual | 0/12 | 0/8 | 0/12 | 0/8 | 0/12 |
| Roundworms and other helminths | Intestine | Visual | 0/12 | 0/8 | 0/12 | 0/8 | 0/12 |
| Tapeworms, e.g., <i>Hymenolepis</i> species | Intestine | Visual | 0/12 | 0/8 | 0/12 | 0/8 | 0/12 |
| Trichomonads | Intestine | Micro | 0/12 | 0/8 | 0/12 | 0/8 | 0/12 |
| Other intestinal protozoa, including: <i>Spiroucleus muris</i> <i>Giardia muris</i> Amoebae | Intestine | Micro | 0/12 | 0/8 | 0/12 | 0/8 | 0/12 |
| SPOROZOA & FUNGI | | | | | | | |
| <i>Encephalitozoon cuniculi</i> | Serum | ELISA | 0/8 | 0/2 | 0/8 | 0/2 | 0/8 |
| <i>Pneumocystis murina</i> ** | Lung | PCR | 0/8 | 0/4 | 0/8 | 0/4 | 0/8 |

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 facility.

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