

PRODUCTION FACILITY

AREA: M3-3

Animal Health Report

Date: 04/26/22
Result Summary
 Data added April 2022
 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.



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 | Apr '22 | Jan '22 | Sept 21 | May 21 | Mar'21 |
|---|-------------------------------|-------------------|------------|------------|------------|------------|------------|
| VIRUSES | | | | | | | |
| Ectromelia virus | Serum | MFI/ ELISA | 0/4 | 0/4 | 0/4 | - | 0/6 |
| GDVII (Theiler's) virus | Serum | MFI/ ELISA | 0/4 | 0/4 | 0/4 | - | 0/6 |
| K virus | Serum | ELISA | 0/4 | 0/4 | 0/4 | - | 0/2 |
| Korean hemorrhagic fever (Hantaan) | Serum | ELISA | 0/4 | 0/4 | 0/4 | - | 0/6 |
| Lactic dehydrogenase elevating virus | Serum | Enzyme | 0/4 | 0/4 | 0/4 | - | 0/2 |
| Lymphocytic choriomeningitis (LCMV) | Serum | MFI/ ELISA | 0/4 | 0/4 | 0/4 | - | 0/6 |
| Minute virus of mice (MVM) | Serum | MFI/ ELISA | 0/4 | 0/4 | 0/4 | - | 0/6 |
| Mouse adenovirus of mice (MadV) | Serum | MFI/ ELISA | 0/4 | 0/4 | 0/4 | - | 0/6 |
| Mouse cytomegalovirus (MCMV) | Serum | ELISA | 0/4 | 0/4 | 0/4 | - | 0/6 |
| Mouse hepatitis virus (MHV) | Serum Feces | MFI/ ELISA PCR | 0/4 0/8 | 0/4 0/8 | 0/4 0/8 | - | 0/6 0/2 |
| Mouse parvovirus (MPV) | Serum Mes LN | ELISA PCR | 0/4 0/8 | 0/4 0/8 | 0/4 0/8 | - | 0/6 0/6 |
| Mouse thymic virus (MTV) | Serum | IFA | 0/4 | 0/4 | 0/4 | - | 0/6 |
| Pneumonia virus of mice (PVM) | Serum | MFI/ ELISA | 0/4 | 0/4 | 0/4 | - | 0/6 |
| Polyoma virus | Serum | ELISA | 0/4 | 0/4 | 0/4 | - | 0/2 |
| Reovirus 3 (REO 3) | Serum | MFI/ ELISA | 0/4 | 0/4 | 0/4 | - | 0/6 |
| Rotavirus (EDIM) | Serum | MFI/ ELISA | 0/4 | 0/4 | 0/4 | - | 0/6 |
| Sendai virus | Serum | MFI/ ELISA | 0/4 | 0/4 | 0/4 | - | 0/6 |
| Murine norovirus (MNV) | Serum | MFI/ ELISA | 0/4 | 0/4 | 0/4 | - | 0/6 |
| BACTERIA & MYCOPLASMA | | | | | | | |
| CAR bacillus | Serum | ELISA | 0/4 | 0/4 | 0/4 | - | 0/6 |
| <i>Klebsiella</i> species | Trachea/Naso | Culture | 0/4 | 0/4 | 0/4 | 0/2 | 0/8 |
| <i>Pasteurella pneumotropica</i> | Trachea/Naso | Culture | 0/4 | 0/4 | 0/4 | 0/2 | 0/8 |
| <i>Staphylococcus aureus</i> | Trachea/Naso | Culture | 0/4 | 0/4 | 0/4 | 0/2 | 0/8 |
| <i>Corynebacterium bovis</i> | Trachea/Naso/Skin Skin/Fur | Culture PCR | 0/4 | 0/4 | 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 | 0/4 | 0/4 | 0/2 | 0/8 |

PRODUCTION FACILITY

AREA: M3-3

Animal Health Report

Date: 04/26/22
Result Summary
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 Current positive results are in **bold**.
 See data below.

| | | | | | | | |
|----------------------------|-------|------------|-----|-----|-----|---|-----|
| <i>Mycoplasma pulmonis</i> | Serum | MFI/ ELISA | 0/4 | 0/4 | 0/4 | - | 0/6 |
|----------------------------|-------|------------|-----|-----|-----|---|-----|

| Organism | Sample | Test Method | Apr '22 | Jan '22 | Sept 21 | May 21 | Mar'21 |
|---|-----------------|---------------|------------|------------|------------|--------|------------|
| 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 | 0/4 | 0/2 | 0/8 |
| <i>Clostridium (Bacillus) piliforme</i> | Serum | ELISA | 0/4 | 0/4 | 0/4 | - | 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 | 0/2 | 0/8 |
| PARASITES & PROTOZOA | | | | | | | |
| Fleas, fur mites, lice | Fur Skin/Fur | Visual PCR | 0/4 - | 0/4 - | 0/4 - | 0/2 | 0/8 0/4 |
| Follicle mites (<i>Psorergates simplex</i>) | Subcutis | Visual | 0/4 | 0/4 | 0/4 | 0/2 | 0/8 |
| Pinworms, e.g., <i>Syphacia</i> species | Cecum Feces | Visual PCR | 0/4 0/4 | 0/4 0/4 | 0/4 0/8 | 0/2 | 0/8 - |
| Roundworms and other helminths | Intestine | Visual | 0/4 | 0/4 | 0/4 | 0/2 | 0/8 |
| Tapeworms, e.g., <i>Hymenolepis</i> species | Intestine | Visual | 0/4 | 0/4 | 0/4 | 0/2 | 0/8 |
| Trichomonads | Intestine | Microscopic | 0/4 | 0/4 | 0/4 | 0/2 | 0/8 |
| Other intestinal protozoa, including: <i>Spiroucleus muris</i> <i>Giardia muris</i> Amoebae | Intestine | Microscopic | 0/4 | 0/4 | 0/4 | 0/2 | 0/8 |
| SPOROZOA & FUNGI | | | | | | | |
| <i>Encephalitozoon cuniculi</i> | Serum | ELISA | 0/4 | 0/4 | 0/4 | - | 0/6 |
| <i>Pneumocystis murina</i> ** | Lung | PCR | 0/4 | 0/4 | 0/4 | 0/2 | 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.

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 | Apr '22 | Jan '22 | Sept'21 | Apr'21 | Jan'21 |
|---|-------------------------------|-------------------|------------|------------|------------|------------|------------|
| VIRUSES | | | | | | | |
| Ectromelia virus | Serum | MFI/ ELISA | 0/4 | 0/4 | 0/4 | 0/6 | 0/6 |
| GDVII (Theiler's) virus | Serum | MFI/ ELISA | 0/4 | 0/4 | 0/4 | 0/6 | 0/6 |
| K virus | Serum | ELISA | 0/4 | 0/4 | 0/4 | 0/6 | 0/2 |
| Korean hemorrhagic fever (Hantaan) | Serum | ELISA | 0/4 | 0/4 | 0/4 | 0/6 | 0/2 |
| Lactic dehydrogenase elevating virus | Serum | Enzyme | 0/4 | 0/4 | 0/4 | 0/6 | 0/2 |
| Lymphocytic choriomeningitis (LCMV) | Serum | MFI/ ELISA | 0/4 | 0/4 | 0/4 | 0/6 | 0/2 |
| Minute virus of mice (MVM) | Serum | MFI/ ELISA | 0/4 | 0/4 | 0/4 | 0/6 | 0/6 |
| Mouse adenovirus of mice (MadV) | Serum | MFI/ ELISA | 0/4 | 0/4 | 0/4 | 0/6 | 0/2 |
| Mouse cytomegalovirus (MCMV) | Serum | ELISA | 0/4 | 0/4 | 0/4 | 0/6 | 0/2 |
| Mouse hepatitis virus (MHV) | Serum Feces | MFI/ ELISA PCR | 0/4 0/8 | 0/4 0/8 | 0/4 0/8 | 0/6 0/2 | 0/6 0/2 |
| Mouse parvovirus (MPV) | Serum Mes LN | ELISA PCR | 0/4 0/8 | 0/4 0/8 | 0/4 0/8 | 0/6 0/6 | 0/6 0/6 |
| Mouse thymic virus (MTV) | Serum | IFA | 0/4 | 0/4 | 0/4 | 0/6 | 0/2 |
| Pneumonia virus of mice (PVM) | Serum | MFI/ ELISA | 0/4 | 0/4 | 0/4 | 0/6 | 0/6 |
| Polyoma virus | Serum | ELISA | 0/4 | 0/4 | 0/4 | 0/6 | 0/2 |
| Reovirus 3 (REO 3) | Serum | MFI/ ELISA | 0/4 | 0/4 | 0/4 | 0/6 | 0/2 |
| Rotavirus (EDIM) | Serum | MFI/ ELISA | 0/4 | 0/4 | 0/4 | 0/6 | 0/6 |
| Sendai virus | Serum | MFI/ ELISA | 0/4 | 0/4 | 0/4 | 0/6 | 0/6 |
| Murine norovirus (MNV) | Serum | MFI/ ELISA | 0/4 | 0/4 | 0/4 | 0/6 | 0/6 |
| BACTERIA & MYCOPLASMA | | | | | | | |
| CAR bacillus | Serum | ELISA | 0/4 | 0/4 | 0/4 | 0/6 | 0/2 |
| <i>Klebsiella</i> species | Trachea/Naso | Culture | 0/4 | 0/4 | 0/4 | 0/8 | 0/8 |
| <i>Pasteurella pneumotropica</i> | Trachea/Naso | Culture | 0/4 | 0/4 | 0/4 | 0/8 | 0/8 |
| <i>Staphylococcus aureus</i> | Trachea/Naso | Culture | 0/4 | 0/4 | 0/4 | 0/8 | 0/8 |
| <i>Corynebacterium bovis</i> | Trachea/Naso/Skin Skin/Fur | Culture PCR | 0/4 - | 0/4 - | 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 | 0/4 | 0/4 | 0/8 | 0/8 |
| <i>Mycoplasma pulmonis</i> | Serum | MFI/ ELISA | 0/4 | 0/4 | 0/4 | 0/6 | 0/6 |

| Organism | Sample | Test Method | Apr '22 | Jan '22 | Sept 21 | Apr'21 | Jan'21 |
|---|-----------------|---------------|------------|------------|------------|------------|------------|
| 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 | 0/4 | 0/8 | 0/8 |
| <i>Clostridium (Bacillus) piliforme</i> | Serum | ELISA | 0/4 | 0/4 | 0/4 | 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 - | 0/4 0/4 | 0/8 - | 0/8 0/4 |
| Follicle mites (<i>Psorergates simplex</i>) | Subcutis | Visual | 0/4 | 0/4 | 0/4 | 0/8 | 0/8 |
| Pinworms, e.g., <i>Syphacia</i> species | Cecum Feces | Visual PCR | 0/4 0/4 | 0/4 0/4 | 0/4 - | 0/8 0/4 | 0/8 - |
| Roundworms and other helminths | Intestine | Visual | 0/4 | 0/4 | 0/4 | 0/8 | 0/8 |
| Tapeworms, e.g., <i>Hymenolepis</i> species | Intestine | Visual | 0/4 | 0/4 | 0/4 | 0/8 | 0/8 |
| Trichomonads | Intestine | Microscopic | 0/4 | 0/4 | 0/4 | 0/8 | 0/8 |
| Other intestinal protozoa, including: <i>Spironucleus muris</i> <i>Giardia muris</i> Amoebae | Intestine | Microscopic | 0/4 | 0/4 | 0/4 | 0/8 | 0/8 |
| SPOROZOA & FUNGI | | | | | | | |
| <i>Encephalitozoon cuniculi</i> | Serum | ELISA | 0/4 | 0/4 | 0/4 | 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 12).

**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 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.



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| Organism | Sample | Test Method | Apr'22 | Jan'22 | Sept'21 | May '21 | Mar'21 |
|---|-------------------------------|-------------------|------------|------------|------------|----------------------------|------------|
| VIRUSES | | | | | | | |
| Ectromelia virus | Serum | MFI/ ELISA | 0/4 | 0/4 | 0/4 | 0/6 | 0/8 |
| GDVII (Theiler's) virus | Serum | MFI/ ELISA | 0/4 | 0/4 | 0/4 | 0/6 | 0/8 |
| K virus | Serum | ELISA | 0/4 | 0/4 | 0/4 | 0/2 | 0/8 |
| Korean hemorrhagic fever (Hantaan) | Serum | ELISA | 0/4 | 0/4 | 0/4 | 0/2 | 0/8 |
| Lactic dehydrogenase elevating virus | Serum | Enzyme | 0/4 | 0/4 | 0/4 | 0/2 | 0/8 |
| Lymphocytic choriomeningitis (LCMV) | Serum | MFI/ ELISA | 0/4 | 0/4 | 0/4 | 0/2 | 0/8 |
| Minute virus of mice (MVM) | Serum | MFI/ ELISA | 0/4 | 0/4 | 0/4 | 0/6 | 0/8 |
| Mouse adenovirus of mice (MadV) | Serum | MFI/ ELISA | 0/4 | 0/4 | 0/4 | 0/2 | 0/8 |
| Mouse cytomegalovirus (MCMV) | Serum | ELISA | 0/4 | 0/4 | 0/4 | 0/2 | 0/8 |
| Mouse hepatitis virus (MHV) | Serum Feces | MFI/ ELISA PCR | 0/4 0/8 | 0/4 0/8 | 0/4 0/8 | 0/6 0/2 | 0/8 0/4 |
| Mouse parvovirus (MPV) | Serum Mes LN | ELISA PCR | 0/4 0/8 | 0/4 0/8 | 0/4 0/8 | 0/6 0/6 | 0/8 0/8 |
| Mouse thymic virus (MTV) | Serum | IFA | 0/4 | 0/4 | 0/4 | 0/2 | 0/8 |
| Pneumonia virus of mice (PVM) | Serum | MFI/ ELISA | 0/4 | 0/4 | 0/4 | 0/6 | 0/8 |
| Polyoma virus | Serum | ELISA | 0/4 | 0/4 | 0/4 | 0/2 | 0/8 |
| Reovirus 3 (REO 3) | Serum | MFI/ ELISA | 0/4 | 0/4 | 0/4 | 0/2 | 0/8 |
| Rotavirus (EDIM) | Serum | MFI/ ELISA | 0/4 | 0/4 | 0/4 | 0/6 | 0/8 |
| Sendai virus | Serum | MFI/ ELISA | 0/4 | 0/4 | 0/4 | 0/6 | 0/8 |
| Murine norovirus (MNV) | Serum | MFI/ ELISA | 0/4 | 0/4 | 0/4 | 0/6 | 0/8 |
| BACTERIA & MYCOPLASMA | | | | | | | |
| CAR bacillus | Serum | ELISA | 0/4 | 0/4 | 0/4 | 0/2 | 0/8 |
| <i>Klebsiella</i> species | Trachea/Naso | Culture | 0/4 | 0/4 | 0/4 | 0/10 | 0/12 |
| <i>Pasteurella pneumotropica</i> | Trachea/Naso | Culture | 0/4 | 0/4 | 0/4 | 0/10 | 0/12 |
| <i>Staphylococcus aureus</i> | Trachea/Naso | Culture | 0/4 | 0/4 | 0/4 | 0/10 | 0/12 |
| <i>Corynebacterium bovis</i> | Trachea/Naso/Skin Skin/Fur | Culture PCR | 0/4 - | 0/4 - | 0/4 0/4 | 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 | 0/4 | 0/4 | 0/10 | 0/12 |
| <i>Mycoplasma pulmonis</i> | Serum | MFI/ ELISA | 0/4 | 0/4 | 0/4 | 0/6 | 0/8 |

| Organism | Sample | Test Method | Apr'22 | Jan'22 | Sept '21 | May '21 | Mar'21 |
|---|-----------------|---------------|------------|------------|------------|-------------|-------------|
| 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 | 0/4 | 0/10 | 0/12 |
| <i>Clostridium (Bacillus) piliforme</i> | Serum | ELISA | 0/4 | 0/4 | 0/4 | 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 | 0/8 | 0/8 | 0/10 | 0/12 |
| PARASITES & PROTOZOA | | | | | | | |
| Fleas, fur mites, lice | Fur Skin/Fur | Visual PCR | 0/4 - | 0/4 - | 0/4 0/4 | 0/10 - | 0/12 0/4 |
| Follicle mites (<i>Psorergates simplex</i>) | Subcutis | Visual | 0/4 | 0/4 | 0/4 | 0/10 | 0/12 |
| Pinworms, e.g., <i>Syphacia</i> species | Cecum Feces | Visual PCR | 0/4 0/4 | 0/4 0/4 | 0/4 - | 0/10 0/4 | 0/12 - |
| Roundworms and other helminths | Intestine | Visual | 0/4 | 0/4 | 0/4 | 0/10 | 0/12 |
| Tapeworms, e.g., <i>Hymenolepis</i> species | Intestine | Visual | 0/4 | 0/4 | 0/4 | 0/10 | 0/12 |
| Trichomonads | Intestine | Microscopic | 0/4 | 0/4 | 0/4 | 0/10 | 0/12 |
| Other intestinal protozoa, including: <i>Spiroplasma muris</i> <i>Giardia muris</i> Amoebae | Intestine | Microscopic | 0/4 | 0/4 | 0/4 | 0/10 | 0/12 |
| SPOOROZOA & FUNGI | | | | | | | |
| <i>Encephalitozoon cuniculi</i> | Serum | ELISA | 0/4 | 0/4 | 0/4 | 0/2 | 0/8 |
| <i>Pneumocystis murina</i> ** | Lung | PCR | 0/4 | 0/4 | 0/4 | 0/6 | 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 importation facility (Room 12).

**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:mmrcc@ucdavis.edu> with questions about this report or animal health related issues.



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| Organism | Sample | Test Method | Apr'22 | Jan'22 | Sept'21 | May 21 | Mar'21 |
|---|-------------------------------|-------------------|------------|------------|------------|-------------------|------------|
| VIRUSES | | | | | | | |
| Ectromelia virus | Serum | MFI/ ELISA | 0/4 | 0/4 | 0/4 | 0/6 | 0/8 |
| GDVII (Theiler's) virus | Serum | MFI/ ELISA | 0/4 | 0/4 | 0/4 | 0/6 | 0/8 |
| K virus | Serum | ELISA | 0/4 | 0/4 | 0/4 | 0/2 | 0/4 |
| Korean hemorrhagic fever (Hantaan) | Serum | ELISA | 0/4 | 0/4 | 0/4 | 0/6 | 0/4 |
| Lactic dehydrogenase elevating virus | Serum | Enzyme | 0/4 | 0/4 | 0/4 | 0/2 | 0/4 |
| Lymphocytic choriomeningitis (LCMV) | Serum | MFI/ ELISA | 0/4 | 0/4 | 0/4 | 0/6 | 0/4 |
| Minute virus of mice (MVM) | Serum | MFI/ ELISA | 0/4 | 0/4 | 0/4 | 0/6 | 0/8 |
| Mouse adenovirus of mice (MadV) | Serum | MFI/ ELISA | 0/4 | 0/4 | 0/4 | 0/6 | 0/4 |
| Mouse cytomegalovirus (MCMV) | Serum | ELISA | 0/4 | 0/4 | 0/4 | 0/6 | 0/4 |
| Mouse hepatitis virus (MHV) | Serum Feces | MFI/ ELISA PCR | 0/4 0/8 | 0/4 0/8 | 0/4 0/8 | 0/6 0/2 | 0/8 0/4 |
| Mouse parvovirus (MPV) | Serum Mes LN | ELISA PCR | 0/4 0/8 | 0/4 0/8 | 0/4 0/8 | 0/6 0/6 | 0/8 0/8 |
| Mouse thymic virus (MTV) | Serum | IFA | 0/4 | 0/4 | 0/4 | 0/6 | 0/4 |
| Pneumonia virus of mice (PVM) | Serum | MFI/ ELISA | 0/4 | 0/4 | 0/4 | 0/6 | 0/8 |
| Polyoma virus | Serum | ELISA | 0/4 | 0/4 | 0/4 | 0/2 | 0/4 |
| Reovirus 3 (REO 3) | Serum | MFI/ ELISA | 0/4 | 0/4 | 0/4 | 0/6 | 0/4 |
| Rotavirus (EDIM) | Serum | MFI/ ELISA | 0/4 | 0/4 | 0/4 | 0/6 | 0/8 |
| Sendai virus | Serum | MFI/ ELISA | 0/4 | 0/4 | 0/4 | 0/6 | 0/8 |
| Murine norovirus (MNV) | Serum | MFI/ ELISA | 0/4 | 0/4 | 0/4 | 0/6 | 0/8 |
| BACTERIA & MYCOPLASMA | | | | | | | |
| CAR bacillus | Serum | ELISA | 0/4 | 0/4 | 0/4 | 0/6 | 0/4 |
| <i>Klebsiella</i> species | Trachea/Naso | Culture | 0/4 | 0/4 | 0/4 | 0/8 | 0/12 |
| <i>Pasteurella pneumotropica</i> | Trachea/Naso | Culture | 0/4 | 0/4 | 0/4 | 0/8 | 0/12 |
| <i>Staphylococcus aureus</i> | Trachea/Naso | Culture | 0/4 | 0/4 | 0/4 | 0/8 | 0/12 |
| <i>Corynebacterium bovis</i> | Trachea/Naso/Skin Skin/Fur | Culture PCR | 0/4 - | 0/4 - | 0/4 0/4 | 4/4 0/4 | 0/12 |
| 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 | 0/4 | 0/8 | 0/8 |
| <i>Mycoplasma pulmonis</i> | Serum | MFI/ ELISA | 0/4 | 0/4 | 0/4 | 0/6 | 0/8 |

| Organism | Sample | Test Method | Apr'22 | Jan'22 | Sept 21 | May 21 | Mar'21 |
|---|-----------------|---------------|------------|------------|------------|------------|-------------|
| 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 | 0/4 | 0/8 | 0/12 |
| <i>Clostridium (Bacillus) piliforme</i> | Serum | ELISA | 0/4 | 0/4 | 0/4 | 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 | 0/8 | 0/8 | 0/8 | 0/12 |
| PARASITES & PROTOZOA | | | | | | | |
| Fleas, fur mites, lice | Fur Skin/Fur | Visual PCR | 0/4 - | 0/4 - | 0/4 0/4 | 0/8 - | 0/12 0/4 |
| Follicle mites (<i>Psorergates simplex</i>) | Subcutis | Visual | 0/4 | 0/4 | 0/4 | 0/8 | 0/12 |
| Pinworms, e.g., <i>Syphacia</i> species | Cecum Feces | Visual PCR | 0/4 0/4 | 0/4 0/4 | 0/4 - | 0/8 0/4 | 0/12 - |
| Roundworms and other helminths | Intestine | Visual | 0/4 | 0/4 | 0/4 | 0/8 | 0/12 |
| Tapeworms, e.g., <i>Hymenolepis</i> species | Intestine | Visual | 0/4 | 0/4 | 0/4 | 0/8 | 0/12 |
| Trichomonads | Intestine | Microscopic | 0/4 | 0/4 | 0/4 | 0/8 | 0/12 |
| Other intestinal protozoa, including: <i>Spiroucleus muris</i> <i>Giardia muris</i> Amoebae | Intestine | Microscopic | 0/4 | 0/4 | 0/4 | 0/8 | 0/12 |
| SPOROZOA & FUNGI | | | | | | | |
| <i>Encephalitozoon cuniculi</i> | Serum | ELISA | 0/4 | 0/4 | 0/4 | 0/6 | 0/4 |
| <i>Pneumocystis murina</i> ** | Lung | PCR | 0/4 | 0/4 | 0/4 | 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 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: 04/26/22
Result Summary
 Data added April 2022
 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 | Apr '22 | Jan '22 | Sept'21 | May 21 | Apr'21 |
|---|-------------------------------|-------------------|------------|------------|--------------------------|--------------------------|------------|
| VIRUSES | | | | | | | |
| Ectromelia virus | Serum | MFI/ ELISA | 0/4 | 0/4 | 0/4 | 0/4 | 0/6 |
| GDVII (Theiler's) virus | Serum | MFI/ ELISA | 0/4 | 0/4 | 0/4 | 0/4 | 0/6 |
| K virus | Serum | ELISA | 0/4 | 0/4 | 0/4 | 0/4 | 0/2 |
| Korean hemorrhagic fever (Hantaan) | Serum | ELISA | 0/4 | 0/4 | 0/4 | 0/4 | 0/6 |
| Lactic dehydrogenase elevating virus | Serum | Enzyme | 0/4 | 0/4 | 0/4 | 0/4 | 0/2 |
| Lymphocytic choriomeningitis (LCMV) | Serum | MFI/ ELISA | 0/4 | 0/4 | 0/4 | 0/4 | 0/6 |
| Minute virus of mice (MVM) | Serum | MFI/ ELISA | 0/4 | 0/4 | 0/4 | 0/4 | 0/6 |
| Mouse adenovirus of mice (MadV) | Serum | MFI/ ELISA | 0/4 | 0/4 | 0/4 | 0/4 | 0/6 |
| Mouse cytomegalovirus (MCMV) | Serum | ELISA | 0/4 | 0/4 | 0/4 | 0/4 | 0/6 |
| Mouse hepatitis virus (MHV) | Serum Feces | MFI/ ELISA PCR | 0/4 0/8 | 0/4 0/8 | 0/4 - | 0/4 - | 0/6 0/2 |
| Mouse parvovirus (MPV) | Serum Mes LN | ELISA PCR | 0/4 0/8 | 0/4 0/8 | 0/4 0/4 | 0/4 0/4 | 0/6 0/6 |
| Mouse thymic virus (MTV) | Serum | IFA | 0/4 | 0/4 | 0/4 | 0/4 | 0/6 |
| Pneumonia virus of mice (PVM) | Serum | MFI/ ELISA | 0/4 | 0/4 | 0/4 | 0/4 | 0/6 |
| Polyoma virus | Serum | ELISA | 0/4 | 0/4 | 0/4 | 0/4 | 0/2 |
| Reovirus 3 (REO 3) | Serum | MFI/ ELISA | 0/4 | 0/4 | 0/4 | 0/4 | 0/6 |
| Rotavirus (EDIM) | Serum | MFI/ ELISA | 0/4 | 0/4 | 0/4 | 0/4 | 0/6 |
| Sendai virus | Serum | MFI/ ELISA | 0/4 | 0/4 | 0/4 | 0/4 | 0/6 |
| Murine norovirus (MNV) | Serum | MFI/ ELISA | 0/4 | 0/4 | 0/4 | 0/4 | 0/6 |
| BACTERIA & MYCOPLASMA | | | | | | | |
| CAR bacillus | Serum | ELISA | 0/4 | 0/4 | 0/4 | 0/4 | 0/6 |
| <i>Klebsiella</i> species | Trachea/Naso | Culture | 0/4 | 0/4 | 0/4 | 0/4 | 0/8 |
| <i>Pasteurella pneumotropica</i> | Trachea/Naso | Culture | 0/4 | 0/4 | 0/4 | 0/4 | 0/8 |
| <i>Staphylococcus aureus</i> | Trachea/Naso | Culture | 0/4 | 0/4 | 0/4 | 0/4 | 0/8 |
| <i>Corynebacterium bovis</i> | Trachea/Naso/Skin Skin/Fur | Culture PCR | 0/4 | 0/4 0/4 | 4/4 4/4 | 4/4 4/4 | |
| 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 | 0/4 | 0/4 | 0/4 | 0/8 |

PRODUCTION FACILITY
AREA: M3-15
ANIMAL HEALTH REPORT

Date: 04/26/22
Result Summary
Data added April 2022
Current positive results are in **bold**.
See data below.

| | | | | | | | |
|----------------------------|-------|------------|-----|-----|-----|-----|-----|
| <i>Mycoplasma pulmonis</i> | Serum | MFI/ ELISA | 0/4 | 0/4 | 0/4 | 0/4 | 0/6 |
|----------------------------|-------|------------|-----|-----|-----|-----|-----|

| Organism | Sample | Test Method | Apr '22 | Jan '22 | Sept 21 | May 21 | Apr'21 |
|---|-----------------|---------------|------------|------------|------------|------------|------------|
| 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 | 0/4 | 0/4 | 0/8 |
| <i>Clostridium (Bacillus) piliforme</i> | Serum | ELISA | 0/4 | 0/4 | 0/4 | 0/4 | 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 | 0/4 | 0/4 | 0/8 |
| PARASITES & PROTOZOA | | | | | | | |
| Fleas, fur mites, lice | Fur Skin/Fur | Visual PCR | 0/4 - | 0/4 0/4 | 0/4 - | 0/4 - | 0/8 0/4 |
| Follicle mites (<i>Psorergates simplex</i>) | Subcutis | Visual | 0/4 | 0/4 | 0/4 | 0/4 | 0/8 |
| Pinworms, e.g., <i>Syphacia</i> species | Cecum Feces | Visual PCR | 0/4 0/4 | 0/4 - | 0/4 0/4 | 0/4 0/4 | 0/8 |
| Roundworms and other helminths | Intestine | Visual | 0/4 | 0/4 | 0/4 | 0/4 | 0/8 |
| Tapeworms, e.g., <i>Hymenolepis</i> species | Intestine | Visual | 0/4 | 0/4 | 0/4 | 0/4 | 0/8 |
| Trichomonads | Intestine | Microscopic | 0/4 | 0/4 | 0/4 | 0/4 | 0/8 |
| Other intestinal protozoa, including: <i>Spiroucleus muris</i> <i>Giardia muris</i> Amoebae | Intestine | Microscopic | 0/4 | 0/4 | 0/4 | 0/4 | 0/8 |
| SPOROZOA & FUNGI | | | | | | | |
| <i>Encephalitozoon cuniculi</i> | Serum | ELISA | 0/4 | 0/4 | 0/4 | 0/4 | 0/6 |
| <i>Pneumocystis murina</i> ** | Lung | PCR | 0/4 | 0/4 | - | - | 0/4 |

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