

This report summarizes the cumulative results of tests performed on dirty bedding sentinels from MBP Room 109 at UC Davis, CA. Note data are reported as positive tests / total tests performed. Please contact the Mouse Biology Program at 530-757-3333 or email mbp@ucdavis.edu with questions about this report or animal health related issues.



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Program
University of California, Davis

| Organism | Sample | Test Method | Jun '18 | Sep '18 | Dec '18 | Mar '19 | Apr '19 | Jun '19 |
|--|-----------------|--------------|--------------------------------------|--------------|--------------------------------------|--------------------------------------|------------|--------------|
| VIRUSES | | | | | | | | |
| Ectromelia virus | Serum | MFI/ELISA | 0/18 | 0/18 | 0/18 | 0/18 | 0/4 | 0/10 |
| GDVII (Theiler's) virus | Serum | MFI/ELISA | 0/18 | 0/18 | 0/18 | 0/18 | 0/4 | 0/10 |
| Lymphocytic choriomeningitis (LCMV) | Serum | MFI/ELISA | 0/18 | 0/18 | 0/18 | 0/18 | 0/4 | 0/10 |
| Minute virus of mice (MVM) | Serum | MFI/ELISA | 0/18 | 0/18 | 0/18 | 0/18 | 0/4 | 0/10 |
| Mouse adenovirus of mice (MAV 1 & 2) | Serum | MFI/ELISA | 0/18 | 0/18 | 0/18 | 0/18 | 0/4 | 0/10 |
| Mouse hepatitis virus (MHV) | Serum | MFI/ELISA | 0/18 | 0/18 | 0/18 | 0/18 | 0/4 | 0/10 |
| Mouse parvovirus (MPV) | Serum/ LN* | ELISA PCR | 0/18 0/36 | 0/18 0/36 | 0/18 0/36 | 0/18 0/34 | 0/4 0/8 | 0/10 0/20 |
| Pneumonia virus of mice (PVM) | Serum | ELISA | 0/18 | 0/18 | 0/18 | 0/18 | 0/4 | 0/10 |
| Reovirus 3 (REO 3) | Serum | ELISA | 0/18 | 0/18 | 0/18 | 0/18 | 0/4 | 0/10 |
| Rotavirus (EDIM) | Serum | ELISA | 0/18 | 0/18 | 0/18 | 0/18 | 0/4 | 0/10 |
| Sendai virus | Serum | ELISA | 0/18 | 0/18 | 0/18 | 0/18 | 0/4 | 0/10 |
| Murine norovirus (MNV) | Serum | ELISA | 0/18 | 0/18 | 0/18 | 0/18 | 0/4 | 0/10 |
| Mouse Kidney Parvo Virus (MKPV) | Kidney | PCR | | | | 0/26 | 0/4 | 0/10 |
| BACTERIA & MYCOPLASMA | | | | | | | | |
| <i>Klebsiella</i> species | Naopharynx | Culture | 1/18 (K. oxytoca) | 0/18 | 0/18 | 0/18 | 0/4 | 0/10 |
| <i>Pasteurella pneumotropica</i> | Naopharynx | Culture | 0/18 | 0/18 | 0/18 | 0/18 | 0/4 | 0/10 |
| <i>Staphylococcus aureus</i> | Naopharynx | Culture | 0/18 | 0/18 | 0/18 | 0/18 | 0/4 | 0/10 |
| Other respiratory bacteria, including: <i>Bordetella bronchiseptica</i> <i>Corynebacterium kutscheri</i> <i>Pasteurella multocida</i> <i>Streptobacillus moniliformis</i> <i>Streptococcus, β hemolytic</i> | Naopharynx | Culture | 0/18 | 0/18 | 0/18 | 0/18 | 0/4 | 0/10 |
| <i>Mycoplasma arthritis</i> <i>Mycoplasma pulmonis</i> | Serum | ELISA | 0/18 | 0/18 | 0/18 | 0/18 | 0/4 | 0/10 |
| Intestinal bacteria, including: <i>Citrobacter rodentium</i> <i>Klebsiella</i> species <i>Pseudomonas</i> species <i>Salmonella</i> species | Intestine | Culture | 1/18 (K. oxytoca) | 0/18 | 1/18 (K. oxytoca) | 2/18 (K. oxytoca) | 0/4 | 0/10 |
| Helicobacter species <i>H. hepaticus</i> | Intestine/Feces | PCR | 0/36 | 0/36 | 0/36 | 0/34 | 0/8 | 0/20 |

| Organism | Sample | Test Method | Jun '18 | Sep '18 | Dec '18 | Mar '19 | Apr '19 | Jun '19 |
|---|-----------------|-------------|---------|---------|---------|---------|---------|---------|
| <i>H. bilis</i> <i>H. rodentium</i> <i>H. typhlonius</i> | | | | | | | | |
| PARASITES & PROTOZOA | | | | | | | | |
| Fleas, fur mites, lice | Fur | Micro | 0/18 | 0/18 | 0/18 | 0/18 | 0/4 | 0/10 |
| Fur Mites | Fur/ bedding | PCR | 0/4 | 0/14 | 0/8 | 0/14 | NT** | 0/10 |
| Follicle mites (<i>Psorergates simplex</i>) | Subcutis | Visual | 0/18 | 0/18 | 0/18 | 0/18 | 0/4 | 0/10 |
| Pinworms, e.g., <i>Syphacia</i> species | Cecum | Visual | 0/18 | 0/18 | 0/18 | 0/18 | 0/4 | 0/10 |
| Roundworms and other helminths | Intestine | Visual | 0/18 | 0/18 | 0/18 | 0/18 | 0/4 | 0/10 |
| Tapeworms, e.g., <i>Hymenolepis</i> species | Intestine | Visual | 0/18 | 0/18 | 0/18 | 0/18 | 0/4 | 0/10 |
| Trichomonads | Intestine | Micro | 0/18 | 0/18 | 0/18 | 0/18 | 0/4 | 0/10 |
| Other intestinal protozoa, including: <i>Spiroucleus muris</i> <i>Giardia muris</i> | Intestine | Micro | 0/18 | 0/18 | 0/18 | 0/18 | 0/4 | 0/10 |

*LN = Lymph Node

**NT = Not Tested. Fur mite PCR screening is performed on a semi-annual basis.

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| Organism | Sample | Test Method | Jun '18 | Sep '18 | Dec '18 | Mar '19 | Apr '19 | Jun '19 |
|--|-----------------|------------------|-------------|--------------|--------------|--------------|------------|-------------|
| VIRUSES | | | | | | | | |
| Ectromelia virus | Serum | MFI/ELISA | 0/8 | 0/10 | 0/10 | 0/10 | 0/2 | 0/8 |
| GDVII (Theiler's) virus | Serum | MFI/ELISA | 0/8 | 0/10 | 0/10 | 0/10 | 0/2 | 0/8 |
| Lymphocytic choriomeningitis (LCMV) | Serum | MFI/ELISA | 0/8 | 0/10 | 0/10 | 0/10 | 0/2 | 0/8 |
| Minute virus of mice (MVM) | Serum | MFI/ELISA | 0/8 | 0/10 | 0/10 | 0/10 | 0/2 | 0/8 |
| Mouse adenovirus of mice (MAV 1 & 2) | Serum | MFI/ELISA | 0/8 | 0/10 | 0/10 | 0/10 | 0/2 | 0/8 |
| Mouse hepatitis virus (MHV) | Serum/ Feces | MFI/ELISA PCR | 0/8 0/15 | 0/10 0/19 | 0/10 0/20 | 0/10 0/19 | 0/2 0/4 | 0/8 0/16 |
| Mouse parvovirus (MPV) | Serum/ LN* | ELISA PCR | 0/8 0/15 | 0/10 0/19 | 0/10 0/20 | 0/10 0/19 | 0/2 0/4 | 0/8 0/16 |
| Pneumonia virus of mice (PVM) | Serum | ELISA | 0/8 | 0/10 | 0/10 | 0/10 | 0/2 | 0/8 |
| Reovirus 3 (REO 3) | Serum | ELISA | 0/8 | 0/10 | 0/10 | 0/10 | 0/2 | 0/8 |
| Rotavirus (EDIM) | Serum | ELISA | 0/8 | 0/10 | 0/10 | 0/10 | 0/2 | 0/8 |
| Sendai virus | Serum | ELISA | 0/8 | 0/10 | 0/10 | 0/10 | 0/2 | 0/8 |
| Murine norovirus (MNV) | Serum | ELISA | 0/8 | 0/10 | 0/10 | 0/10 | 0/2 | 0/8 |
| LDHV | Serum | | 0/8 | 0/10 | 0/10 | 0/10 | 0/2 | 0/8 |
| Mouse Kidney Parvo Virus (MKPV) | Kidney | PCR | | | | 0/10 | 0/2 | 0/8 |
| BACTERIA & MYCOPLASMA | | | | | | | | |
| <i>Klebsiella</i> species | Nasopharynx | Culture | 0/8 | 0/10 | 0/10 | 0/10 | 0/2 | 0/8 |
| <i>Pasteurella pneumotropica</i> | Nasopharynx | Culture | 0/8 | 0/10 | 0/10 | 0/10 | 0/2 | 0/8 |
| <i>Staphylococcus aureus</i> | Nasopharynx | Culture | 0/8 | 0/10 | 0/10 | 0/10 | 0/2 | 0/8 |
| <i>Pneumocystis murina</i> | Lung | PCR | 0/8 | 0/10 | 0/10 | 0/10 | 0/2 | 0/8 |
| Other respiratory bacteria, including: <i>Bordetella bronchiseptica</i> <i>Corynebacterium kutscheri</i> <i>Pasteurella multocida</i> <i>Streptobacillus moniliformis</i> <i>Streptococcus, β hemolytic</i> | Nasopharynx | Culture | 0/8 | 0/10 | 0/10 | 0/10 | 0/2 | 0/8 |
| <i>Mycoplasma arthritidis</i> <i>Mycoplasma pulmonis</i> | Serum | ELISA | 0/8 | 0/10 | 0/10 | 0/10 | 0/2 | 0/8 |
| Intestinal bacteria, including: <i>Citrobacter rodentium</i> <i>Klebsiella</i> species <i>Pseudomonas</i> species <i>Salmonella</i> species | Intestine | Culture | 0/8 | 0/10 | 0/10 | 0/10 | 0/2 | 0/8 |
| Helicobacter species | Intestine/Feces | PCR | 0/15 | 0/19 | 0/20 | 0/19 | 0/4 | 0/16 |

| | | | | | | | | |
|---|-----------------|--------------------|----------------|----------------|----------------|----------------|----------------|----------------|
| <i>H. hepaticus</i> | | | | | | | | |
| <i>H. bilis</i> | | | | | | | | |
| <i>H. rodentium</i> | | | | | | | | |
| <i>H. typhlonius</i> | | | | | | | | |
| Organism | Sample | Test Method | Jun '18 | Sep '18 | Dec '18 | Mar '19 | Apr '19 | Jun '19 |
| PARASITES & PROTOZOA | | | | | | | | |
| Fleas, fur mites, lice | Fur | Micro | 0/8 | 0/10 | 0/10 | 0/10 | 0/2 | 0/8 |
| Fur mites | Fur/ bedding | PCR | 0/4 | NT** | 0/10 | 0/2 | 0/2 | 0/8 |
| Follicle mites (<i>Psorergates simplex</i>) | Subcutis | Visual | 0/8 | 0/10 | 0/10 | 0/10 | 0/2 | 0/8 |
| Pinworms, e.g., <i>Syphacia</i> species | Cecum | Visual | 0/8 | 0/10 | 0/10 | 0/10 | 0/2 | 0/8 |
| Roundworms and other helminths | Intestine | Visual | 0/8 | 0/10 | 0/10 | 0/10 | 0/2 | 0/8 |
| Tapeworms, e.g., <i>Hymenolepis</i> species | Intestine | Visual | 0/8 | 0/10 | 0/10 | 0/10 | 0/2 | 0/8 |
| Trichomonads | Intestine | Micro | 0/8 | 0/10 | 0/10 | 0/10 | 0/2 | 0/8 |
| Other intestinal protozoa, including: <i>Spiroucleus muris</i> <i>Giardia muris</i> | Intestine | Micro | 0/8 | 0/10 | 0/10 | 0/10 | 0/2 | 0/8 |

*LN = Lymph Node

**NT = Not Tested. Fur mite PCR screening is performed on a semi-annual basis.

The MBP 2nd Street Facility area is a 7-room, conventional production building located at the University of California, Davis.

This report summarizes the cumulative results of tests performed on dirty bedding sentinels from MBP Room 111 at UC Davis, CA. Note data are reported as positive tests / total tests performed. Please contact the Mouse Biology Program at 530-757-3333 or email mbp@ucdavis.edu with questions about this report or animal health related issues.



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| Organism | Sample | Test Method | Mar '18 | Jun '18 | Sep '18 | Dec '18 | Mar '19 | Apr '19 |
|---|-----------------|--------------|--------------|--------------|--------------|----------------------------------|--------------|---------------------------------|
| VIRUSES | | | | | | | | |
| Ectromelia virus | Serum | MFI/ELISA | 0/48 | 0/20 | 0/20 | 0/20 | 0/20 | 0/18 |
| GDVII (Theiler's) virus | Serum | MFI/ELISA | 0/48 | 0/20 | 0/20 | 0/20 | 0/20 | 0/18 |
| Lymphocytic choriomeningitis (LCMV) | Serum | MFI/ELISA | 0/48 | 0/20 | 0/20 | 0/20 | 0/20 | 0/18 |
| Minute virus of mice (MVM) | Serum | MFI/ELISA | 0/48 | 0/20 | 0/20 | 0/20 | 0/20 | 0/18 |
| Mouse adenovirus of mice (MAV 1 & 2) | Serum | MFI/ELISA | 0/48 | 0/20 | 0/20 | 0/20 | 0/20 | 0/18 |
| Mouse hepatitis virus (MHV) | Serum | MFI/ELISA | 0/48 | 0/20 | 0/20 | 0/20 | 0/20 | 0/18 |
| Mouse parvovirus (MPV) | Serum/ LN* | ELISA PCR | 0/24 0/48 | 0/20 0/39 | 0/20 0/40 | 0/20 0/40 | 0/20 0/41 | 0/18 0/35 |
| Pneumonia virus of mice (PVM) | Serum | ELISA | 0/48 | 0/20 | 0/20 | 0/20 | 0/20 | 0/18 |
| Reovirus 3 (REO 3) | Serum | ELISA | 0/48 | 0/20 | 0/20 | 0/20 | 0/20 | 0/18 |
| Rotavirus (EDIM) | Serum | ELISA | 0/48 | 0/20 | 0/20 | 0/20 | 0/20 | 0/18 |
| Sendai virus | Serum | ELISA | 0/48 | 0/20 | 0/20 | 0/20 | 0/20 | 0/18 |
| Murine norovirus (MNV) | Serum | ELISA | 0/48 | 0/20 | 0/20 | 0/20 | 0/20 | 0/18 |
| Mouse Kidney Parvo Virus (MKPV) | Kidney | PCR | | | | | 0/28 | 0/18 |
| BACTERIA & MYCOPLASMA | | | | | | | | |
| <i>Klebsiella</i> species | Nasopharynx | Culture | 0/48 | 0/21 | 0/20 | 0/21 | 0/21 | 0/18 |
| <i>Pasteurella pneumotropica</i> | Nasopharynx | Culture | 0/48 | 0/21 | 0/20 | 0/21 | 0/21 | 0/18 |
| <i>Staphylococcus aureus</i> | Nasopharynx | Culture | 0/48 | 0/21 | 0/20 | 0/21 | 0/21 | 0/18 |
| Other respiratory bacteria, including: <i>Bordetella bronchiseptica</i> <i>Corynebacterium kutscheri</i> <i>Pasteurella multocida</i> <i>Streptobacillus moniliformis</i> <i>Streptococcus β hemolytic</i> | Nasopharynx | Culture | 0/48 | 0/21 | 0/20 | 0/21 | 0/21 | 0/18 |
| <i>Mycoplasma arthritidis</i> <i>Mycoplasma pulmonis</i> | Serum | ELISA | 0/48 | 0/21 | 0/20 | 0/21 | 0/21 | 0/18 |
| Intestinal bacteria, including: <i>Citrobacter rodentium</i> <i>Klebsiella</i> species <i>Pseudomonas</i> species <i>Salmonella</i> species | Intestine | Culture | 0/48 | 0/21 | 0/20 | 1/21 (K. oxytoxa) | 0/21 | 1/18 (P. putida) |
| <i>Helicobacter</i> species | Intestine/Feces | PCR | 0/48 | 0/39 | 0/40 | 0/40 | 0/41 | 0/35 |

| Organism | Sample | Test Method | Mar '18 | Jun '18 | Sep '18 | Dec '18 | Mar '19 | Apr '19 |
|--|-----------------|-------------|---------|---------|---------|---------|---------|---------|
| <i>H. hepaticus</i> <i>H. bilis</i> <i>H. rodentium</i> <i>H. typhlonius</i> | | | | | | | | |
| PARASITES & PROTOZOA | | | | | | | | |
| Fleas, fur mites, lice | Fur | Micro | 0/16 | 0/21 | 0/20 | 0/21 | 0/21 | 0/18 |
| Fur mites | Fur/ bedding | PCR | 0/16 | 0/6 | 0/20 | 0/2 | 0/19 | 0/18 |
| Follicle mites (<i>Psorergates simplex</i>) | Subcutis | Visual | 0/48 | 0/21 | 0/20 | 0/21 | 0/21 | 0/18 |
| Pinworms, e.g., <i>Syphacia</i> species | Cecum | Visual | 0/48 | 0/21 | 0/20 | 0/21 | 0/21 | 0/17 |
| Roundworms and other helminths | Intestine | Visual | 0/48 | 0/21 | 0/20 | 0/21 | 0/21 | 0/18 |
| Tapeworms, e.g., <i>Hymenolepis</i> species | Intestine | Visual | 0/48 | 0/21 | 0/20 | 0/21 | 0/21 | 0/18 |
| Trichomonads | Intestine | Micro | 0/48 | 0/21 | 0/20 | 0/21 | 0/21 | 0/18 |
| Other intestinal protozoa, including: <i>Spironucleus muris</i> <i>Giardia muris</i> | Intestine | Micro | 0/48 | 0/21 | 0/20 | 0/21 | 0/21 | 0/18 |

*LN = Lymph Node

**NT = Not Tested. Fur mice PCR screening is performed on a semi-annual basis.

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University of California, Davis

| Organism | Sample | Test Method | Sept '18 | Dec '18 | Mar '19 | Apr '19 | May '19 | Jun '19 |
|--|-----------------|--------------|--------------|--------------------------------------|--------------|--------------|-------------|-------------|
| VIRUSES | | | | | | | | |
| Ectromelia virus | Serum | MFI/ELISA | 0/24 | 0/24 | 0/24 | 0/12 | 0/7 | 0/6 |
| GDVII (Theiler's) virus | Serum | MFI/ELISA | 0/24 | 0/24 | 0/24 | 0/12 | 0/7 | 0/6 |
| Lymphocytic choriomeningitis (LCMV) | Serum | MFI/ELISA | 0/24 | 0/24 | 0/24 | 0/12 | 0/7 | 0/6 |
| Minute virus of mice (MVM) | Serum | MFI/ELISA | 0/24 | 0/24 | 0/24 | 0/12 | 0/7 | 0/6 |
| Mouse adenovirus of mice (MAV 1 & 2) | Serum | MFI/ELISA | 0/24 | 0/24 | 0/24 | 0/12 | 0/7 | 0/6 |
| Mouse hepatitis virus (MHV) | Serum | MFI/ELISA | 0/24 | 0/24 | 0/24 | 0/12 | 0/7 | 0/6 |
| Mouse parvovirus (MPV) | Serum/ LN* | ELISA PCR | 0/24 0/45 | 0/24 0/46 | 0/24 0/48 | 0/12 0/24 | 0/7 0/13 | 0/6 0/11 |
| Pneumonia virus of mice (PVM) | Serum | ELISA | 0/24 | 0/24 | 0/24 | 0/12 | 0/7 | 0/6 |
| Reovirus 3 (REO 3) | Serum | ELISA | 0/24 | 0/24 | 0/24 | 0/12 | 0/7 | 0/6 |
| Rotavirus (EDIM) | Serum | ELISA | 0/24 | 0/24 | 0/24 | 0/12 | 0/7 | 0/6 |
| Sendai virus | Serum | ELISA | 0/24 | 0/24 | 0/24 | 0/12 | 0/7 | 0/6 |
| Murine norovirus (MNV) | Serum | ELISA | 0/24 | 0/24 | 0/24 | 0/12 | 0/7 | 0/6 |
| Mouse Kidney Parvo Virus (MKPV) | Kidney | PCR | | | 0/30 | 0/12 | 0/7 | 0/6 |
| BACTERIA & MYCOPLASMA | | | | | | | | |
| <i>Klebsiella</i> species | Nasopharynx | Culture | 0/24 | 0/24 | 0/24 | 0/12 | 0/7 | 0/6 |
| <i>Pasteurella pneumotropica</i> | Nasopharynx | Culture | 0/24 | 0/24 | 0/24 | 0/12 | 0/7 | 0/6 |
| <i>Staphylococcus aureus</i> | Nasopharynx | Culture | 0/24 | 0/24 | 0/24 | 0/12 | 0/7 | 0/6 |
| Other respiratory bacteria, including: <i>Bordetella bronchiseptica</i> <i>Corynebacterium kutscheri</i> <i>Pasteurella multocida</i> <i>Streptobacillus moniliformis</i> <i>Streptococcus, β hemolytic</i> | Nasopharynx | Culture | 0/24 | 0/24 | 0/24 | 0/12 | 0/7 | 0/6 |
| <i>Mycoplasma arthritidis</i> <i>Mycoplasma pulmonis</i> | Serum | ELISA | 0/24 | 0/24 | 0/24 | 0/12 | 0/7 | 0/6 |
| Intestinal bacteria, including: <i>Citrobacter rodentium</i> <i>Klebsiella</i> species <i>Pseudomonas</i> species <i>Salmonella</i> species | Intestine | Culture | 0/24 | 1/24 (K. Oxytoca) | 0/24 | 0/12 | 0/7 | 0/6 |
| Helicobacter species <i>H. hepaticus</i> <i>H. bilis</i> | Intestine/Feces | PCR | 0/45 | 0/48 | 0/48 | 0/24 | 0/13 | 0/11 |

2ND STREET FACILITY
AREA: Rm 112- MBP
ANIMAL HEALTH REPORT

Date: 08/27/19
Result Summary
Data added August 2019
Current positive results are in **bold**.
See data below.

| Organism | Sample | Test Method | Sep '18 | Dec '18 | Mar '19 | Apr '19 | May '19 | Jun '19 |
|--|-----------------|-------------|---------|---------|---------|---------|---------|---------|
| PARASITES & PROTOZOA | | | | | | | | |
| Fleas, fur mites, lice | Fur | Micro | 0/24 | 0/24 | 0/24 | 0/12 | 0/7 | 0/6 |
| Fur Mites | Fur/ Bedding | PCR | 0/24 | NT** | 0/24 | 0/12 | 0/7 | 0/7 |
| Follicle mites (<i>Psorergates simplex</i>) | Subcutis | Visual | 0/24 | 0/24 | 0/24 | 0/12 | 0/7 | 0/7 |
| Pinworms, e.g., <i>Syphacia</i> species | Cecum | Visual | 0/24 | 0/24 | 0/24 | 0/12 | 0/7 | 0/7 |
| Roundworms and other helminths | Intestine | Visual | 0/24 | 0/24 | 0/24 | 0/12 | 0/7 | 0/7 |
| Tapeworms, e.g., <i>Hymenolepis</i> species | Intestine | Visual | 0/24 | 0/24 | 0/24 | 0/12 | 0/7 | 0/7 |
| Trichomonads | Intestine | Micro | 0/24 | 0/24 | 0/24 | 0/12 | 0/7 | 0/7 |
| Other intestinal protozoa, including: <i>Spironucleus muris</i> <i>Giardia muris</i> | Intestine | Micro | 0/24 | 0/24 | 0/24 | 0/12 | 0/7 | 0/7 |

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| Organism | Sample | Test Method | Mar '18 | Jun '18 | Sep '18 | Dec '18 | Mar '19 | Apr '19 |
|--|-----------------|------------------|------------|------------|------------|------------|-------------|------------|
| VIRUSES | | | | | | | | |
| Ectromelia virus | Serum | MFI/ELISA | 0/8 | 0/4 | 0/4 | 0/4 | 0/6 | 0/2 |
| GDVII (Theiler's) virus | Serum | MFI/ELISA | 0/8 | 0/4 | 0/4 | 0/4 | 0/6 | 0/2 |
| Lymphocytic choriomeningitis (LCMV) | Serum | MFI/ELISA | 0/8 | 0/4 | 0/4 | 0/4 | 0/6 | 0/2 |
| Minute virus of mice (MVM) | Serum | MFI/ELISA | 0/8 | 0/4 | 0/4 | 0/4 | 0/6 | 0/2 |
| Mouse adenovirus of mice (MAV 1&2) | Serum | MFI/ELISA | 0/8 | 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 | 0/4 0/8 | 0/6 0/12 | 0/2 0/4 |
| Mouse parvovirus (MPV) | Serum/ LN* | ELISA PCR | 0/4 0/8 | 0/4 0/8 | 0/4 0/8 | 0/4 0/8 | 0/6 0/12 | 0/2 0/4 |
| Pneumonia virus of mice (PVM) | Serum | ELISA | 0/8 | 0/4 | 0/4 | 0/4 | 0/6 | 0/2 |
| Reovirus 3 (REO 3) | Serum | ELISA | 0/8 | 0/4 | 0/4 | 0/4 | 0/6 | 0/2 |
| Rotavirus (EDIM) | Serum | ELISA | 0/8 | 0/4 | 0/4 | 0/4 | 0/6 | 0/2 |
| Sendai virus | Serum | ELISA | 0/8 | 0/4 | 0/4 | 0/4 | 0/6 | 0/2 |
| Murine norovirus (MNV) | Serum | ELISA | 0/8 | 0/4 | 0/4 | 0/4 | 0/6 | 0/2 |
| Mouse Kidney Parvo Virus (MKPV) | Kidney | PCR | | | | | 0/6 | 0/2 |
| BACTERIA & MYCOPLASMA | | | | | | | | |
| <i>Klebsiella</i> species | Nasopharynx | Culture | 0/8 | 0/4 | 0/4 | 0/4 | 0/6 | 0/2 |
| <i>Pasteurella pneumotropica</i> | Nasopharynx | Culture | 0/8 | 0/4 | 0/4 | 0/4 | 0/6 | 0/2 |
| <i>Staphylococcus aureus</i> | Nasopharynx | Culture | 0/8 | 0/4 | 0/4 | 0/4 | 0/6 | 0/2 |
| <i>Pneumocystis murina</i> | Lung | PCR | 0/8 | 0/4 | 0/4 | 0/4 | 0/6 | 0/2 |
| Other respiratory bacteria, including: <i>Bordetella bronchiseptica</i> <i>Corynebacterium kutscheri</i> <i>Pasteurella multocida</i> <i>Streptobacillus moniliformis</i> <i>Streptococcus, β hemolytic</i> | Nasopharynx | Culture | 0/8 | 0/4 | 0/4 | 0/4 | 0/6 | 0/2 |
| <i>Mycoplasma arthritidis</i> <i>Mycoplasma pulmonis</i> | Serum | ELISA | 0/8 | 0/4 | 0/4 | 0/4 | 0/6 | 0/2 |
| Intestinal bacteria, including: <i>Citrobacter rodentium</i> <i>Klebsiella</i> species <i>Pseudomonas</i> species <i>Salmonella</i> species | Intestine | Culture | 0/8 | 0/4 | 0/4 | 0/4 | 0/6 | 0/2 |
| Helicobacter species | Intestine/Feces | PCR | 0/8 | 0/4 | 0/8 | 0/8 | 0/12 | 0/4 |

2ND STREET FACILITY
AREA: Rm 114 - MBP
ANIMAL HEALTH REPORT

Date: 06/07/2019
Result Summary
Data added June 2019
Current positive results are in **bold**.
See data below.

| Organism | Sample | Test Method | Mar '18 | Jun '18 | Sep '18 | Dec '18 | Mar '19 | Apr '19 |
|---|-----------------|-------------|---------|---------|---------|---------|---------|---------|
| <i>H. hepaticus</i> | | | | | | | | |
| <i>H. bilis</i> | | | | | | | | |
| <i>H. rodentium</i> | | | | | | | | |
| <i>H. typhlonius</i> | | | | | | | | |
| PARASITES & PROTOZOA | | | | | | | | |
| Fleas, fur mites, lice | Fur | Micro | 0/4 | 0/4 | 0/4 | 0/4 | 0/6 | 0/2 |
| Fur mites | Fur/ bedding | PCR | NT** | NT** | 0/4 | NT** | 0/6 | 0/2 |
| Follicle mites (<i>Psorergates simplex</i>) | Subcutis | Visual | 0/8 | 0/4 | 0/4 | 0/4 | 0/6 | 0/2 |
| Pinworms, e.g., <i>Syphacia</i> species | Cecum | Visual | 0/8 | 0/4 | 0/4 | 0/4 | 0/6 | 0/2 |
| Roundworms and other helminths | Intestine | Visual | 0/8 | 0/4 | 0/4 | 0/4 | 0/6 | 0/2 |
| Tapeworms, e.g., <i>Hymenolepis</i> species | Intestine | Visual | 0/8 | 0/4 | 0/4 | 0/4 | 0/6 | 0/2 |
| Trichomonads | Intestine | Micro | 0/8 | 0/4 | 0/4 | 0/4 | 0/6 | 0/2 |
| Other intestinal protozoa, including: <i>Spiroucleus muris</i> <i>Giardia muris</i> | Intestine | Micro | 0/8 | 0/4 | 0/4 | 0/4 | 0/6 | 0/2 |

*LN = Lymph Node

**NT = Not Tested. Fur mite PCR screening is performed on a semi-annual basis

The MBP 2nd Street Facility area is a 7-room, conventional production building located at the University of California, Davis.

This report summarizes the cumulative results of tests performed on dirty bedding sentinels from MBP Room 115 at UC Davis, CA. Note data are reported as positive tests / total tests performed. Please contact the Mouse Biology Program at 530-757-3333 or email mbp@ucdavis.edu with questions about this report or animal health related issues.



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| Organism | Sample | Test Method | Jun '18 | Sep '18 | Dec '18 | Mar '19 | Apr '19 | Jun '19 |
|---|-----------------|--------------|--------------|--------------|--------------------------------------|--------------|------------|-------------|
| VIRUSES | | | | | | | | |
| Ectromelia virus | Serum | MFI/ELISA | 0/18 | 0/14 | 0/14 | 0/14 | 0/2 | 0/8 |
| GDVII (Theiler's) virus | Serum | MFI/ELISA | 0/18 | 0/14 | 0/14 | 0/14 | 0/2 | 0/8 |
| Lymphocytic choriomeningitis (LCMV) | Serum | MFI/ELISA | 0/18 | 0/14 | 0/14 | 0/14 | 0/2 | 0/8 |
| Minute virus of mice (MVM) | Serum | MFI/ELISA | 0/18 | 0/14 | 0/14 | 0/14 | 0/2 | 0/8 |
| Mouse adenovirus of mice (MAV 1 & 2) | Serum | MFI/ELISA | 0/18 | 0/14 | 0/14 | 0/14 | 0/2 | 0/8 |
| Mouse hepatitis virus (MHV) | Serum | MFI/ELISA | 0/18 | 0/14 | 0/14 | 0/14 | 0/2 | 0/8 |
| Mouse parvovirus (MPV) | Serum/ LN* | ELISA PCR | 0/18 0/36 | 0/14 0/28 | 0/14 0/28 | 0/14 0/28 | 0/2 0/4 | 0/8 0/16 |
| Pneumonia virus of mice (PVM) | Serum | ELISA | 0/18 | 0/14 | 0/14 | 0/14 | 0/2 | 0/8 |
| Reovirus 3 (REO 3) | Serum | ELISA | 0/18 | 0/14 | 0/14 | 0/14 | 0/2 | 0/8 |
| Rotavirus (EDIM) | Serum | ELISA | 0/18 | 0/14 | 0/14 | 0/14 | 0/2 | 0/8 |
| Sendai virus | Serum | ELISA | 0/18 | 0/14 | 0/14 | 0/14 | 0/2 | 0/8 |
| Murine norovirus (MNV) | Serum | ELISA | 0/18 | 0/14 | 0/14 | 0/14 | 0/2 | 0/8 |
| Mouse Kidney Parvo Virus (MKPV) | Kidney | PCR | | | | 0/10 | NT | 0/8 |
| BACTERIA & MYCOPLASMA | | | | | | | | |
| <i>Klebsiella</i> species | Nasopharynx | Culture | 0/18 | 0/14 | 0/14 | 0/14 | 0/2 | 0/8 |
| <i>Pasteurella pneumotropica</i> | Nasopharynx | Culture | 0/18 | 0/14 | 0/14 | 0/14 | 0/2 | 0/8 |
| <i>Staphylococcus aureus</i> | Nasopharynx | Culture | 0/18 | 0/14 | 0/14 | 0/14 | 0/2 | 0/8 |
| Other respiratory bacteria, including: <i>Bordetella bronchiseptica</i> <i>Corynebacterium kutscheri</i> <i>Pasteurella multocida</i> <i>Streptobacillus moniliformis</i> <i>Streptococcus β hemolytic</i> | Nasopharynx | Culture | 0/18 | 0/14 | 0/14 | 0/14 | 0/2 | 0/8 |
| <i>Mycoplasma arthritidis</i> <i>Mycoplasma pulmonis</i> | Serum | ELISA | 0/18 | 0/14 | 0/14 | 0/14 | 0/2 | 0/8 |
| Intestinal bacteria, including: <i>Citrobacter rodentium</i> <i>Klebsiella</i> species <i>Pseudomonas</i> species <i>Salmonella</i> species | Intestine | Culture | 0/18 | 0/14 | 1/14 (K. Oxytoca) | 0/14 | 0/2 | 0/8 |
| Helicobacter species <i>H. hepaticus</i> <i>H. bilis</i> | Intestine/Feces | PCR | 0/36 | 0/28 | 0/28 | 0/28 | 0/4 | 0/16 |

2ND STREET FACILITY
AREA: Rm 115 - MBP
ANIMAL HEALTH REPORT

Date: 08/27/19
Result Summary
Data added August 2019
Current positive results are in **bold**.
See data below.

| Organism | Sample | Test Method | Jun '18 | Sep '18 | Dec '18 | Mar '19 | Apr '19 | Jun '19 |
|--|-----------------|-------------|---------|---------|---------|---------|---------|------------|
| <i>H. rodentium</i> <i>H. typhlonius</i> | | | | | | | | |
| PARASITES & PROTOZOA | | | | | | | | |
| Fleas, fur mites, lice | Fur | Micro | 0/18 | 0/14 | 0/14 | 0/14 | 0/2 | 0/8 |
| Fur mites | Fur/ bedding | PCR | 0/6 | 0/12 | 0/8 | 0/8 | 0/2 | 0/8 0/8 |
| Follicle mites (<i>Psorergates simplex</i>) | Subcutis | Visual | 0/18 | 0/14 | 0/14 | 0/14 | 0/2 | 0/8 |
| Pinworms, e.g., <i>Syphacia</i> species | Cecum | Visual | 0/18 | 0/14 | 0/14 | 0/14 | 0/2 | 0/8 |
| Roundworms and other helminths | Intestine | Visual | 0/18 | 0/14 | 0/14 | 0/14 | 0/2 | 0/8 |
| Tapeworms, e.g., <i>Hymenolepis</i> species | Intestine | Visual | 0/18 | 0/14 | 0/14 | 0/14 | 0/2 | 0/8 |
| Trichomonads | Intestine | Micro | 0/18 | 0/14 | 0/14 | 0/14 | 0/2 | 0/8 |
| Other intestinal protozoa, including: <i>Spironucleus muris</i> <i>Giardia muris</i> | Intestine | Micro | 0/18 | 0/14 | 0/14 | 0/14 | 0/2 | 0/8 |

*LN = Lymph Node

**NT = Not Tested. Fur mite PCR screening is performed on a semi-annual basis

The MBP 2nd Street Facility area is a 7-room, conventional production building located at the University of California, Davis

This report summarizes the cumulative results of tests performed on dirty bedding sentinels from MBP Room 116 at UC Davis, CA. Note data are reported as positive tests / total tests performed. Please contact the Mouse Biology Program at 530-757-3333 or email mbp@ucdavis.edu with questions about this report or animal health related issues.



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| Organism | Sample | Test Method | Sep '18 | Dec '18 | Mar '19 | Apr '19 | May '19 | Jun '19 |
|--|-----------------|--------------|--------------|---|--------------|------------|-------------|-------------|
| VIRUSES | | | | | | | | |
| Ectromelia virus | Serum | MFI/ELISA | 0/12 | 0/9 | 0/14 | 0/2 | 0/6 | 0/8 |
| GDVII (Theiler's) virus | Serum | MFI/ELISA | 0/12 | 0/9 | 0/14 | 0/2 | 0/6 | 0/8 |
| Lymphocytic choriomeningitis (LCMV) | Serum | MFI/ELISA | 0/12 | 0/9 | 0/14 | 0/2 | 0/6 | 0/8 |
| Minute virus of mice (MVM) | Serum | MFI/ELISA | 0/12 | 0/9 | 0/14 | 0/2 | 0/6 | 0/8 |
| Mouse adenovirus of mice (MAV 1 & 2) | Serum | MFI/ELISA | 0/12 | 0/9 | 0/14 | 0/2 | 0/6 | 0/8 |
| Mouse hepatitis virus (MHV) | Serum | MFI/ELISA | 0/12 | 0/9 | 0/14 | 0/2 | 0/6 | 0/8 |
| Mouse parvovirus (MPV) | Serum/ LN* | ELISA PCR | 0/12 0/23 | 0/9 0/19 | 0/14 0/28 | 0/2 0/4 | 0/6 0/12 | 0/8 0/16 |
| Pneumonia virus of mice (PVM) | Serum | ELISA | 0/12 | 0/9 | 0/14 | 0/2 | 0/6 | 0/8 |
| Reovirus 3 (REO 3) | Serum | ELISA | 0/12 | 0/9 | 0/14 | 0/2 | 0/6 | 0/8 |
| Rotavirus (EDIM) | Serum | ELISA | 0/12 | 0/9 | 0/14 | 0/2 | 0/6 | 0/8 |
| Sendai virus | Serum | ELISA | 0/12 | 0/9 | 0/14 | 0/2 | 0/6 | 0/8 |
| Murine norovirus (MNV) | Serum | ELISA | 0/12 | 0/9 | 0/14 | 0/2 | 2/6 | 0/8 |
| Mouse Kidney Parvo Virus (MKPV) | Kidney | PCR | | | 0/20 | 0/2 | 0/6 | 0/8 |
| BACTERIA & MYCOPLASMA | | | | | | | | |
| <i>Klebsiella</i> species | Nasopharynx | Culture | 0/12 | 0/10 | 0/14 | 0/2 | 0/6 | 0/8 |
| <i>Pasteurella pneumotropica</i> | Nasopharynx | Culture | 0/12 | 0/10 | 0/14 | 0/2 | 0/6 | 0/8 |
| <i>Staphylococcus aureus</i> | Nasopharynx | Culture | 0/12 | 0/10 | 0/14 | 0/2 | 0/6 | 0/8 |
| Other respiratory bacteria, including: <i>Bordetella bronchiseptica</i> <i>Corynebacterium kutscheri</i> <i>Pasteurella multocida</i> <i>Streptobacillus moniliformis</i> <i>Streptococcus, β hemolytic</i> | Nasopharynx | Culture | 0/12 | 0/10 | 0/14 | 0/2 | 0/6 | 0/8 |
| <i>Mycoplasma arthritidis</i> <i>Mycoplasma pulmonis</i> | Serum | ELISA | 0/12 | 0/10 | 0/14 | 0/2 | 0/6 | 0/8 |
| Intestinal bacteria, including: <i>Citrobacter rodentium</i> <i>Klebsiella</i> species <i>Pseudomonas</i> species <i>Salmonella</i> species | Intestine | Culture | 0/23 | 1/19 (<i>K. pneumoniae</i>) | 0/14 | 0/2 | 0/6 | 0/8 |
| Helicobacter species <i>H. hepaticus</i> | Intestine/Feces | PCR | 0/23 | 0/19 | 0/28 | 0/4 | 0/12 | 0/16 |

2ND STREET FACILITY
AREA: Rm 116 - MBP
ANIMAL HEALTH REPORT

Date: 08/27/19
Result Summary
Data added August 2019
Current positive results are in **bold**.
See data below.

| Organism | Sample | Test Method | Sep '18 | Dec '18 | Mar '19 | Apr '19 | May '19 | Jun '19 |
|---|-----------------|-------------|---------|---------|---------|---------|------------|------------|
| <i>H. bilis</i> | | | | | | | | |
| <i>H. rodentium</i> | | | | | | | | |
| <i>H. typhlonius</i> | | | | | | | | |
| PARASITES & PROTOZOA | | | | | | | | |
| Fleas, fur mites, lice | Fur | Micro | 0/12 | 0/11 | 0/14 | 0/2 | 0/6 | 0/8 |
| Fur mites | Fur/ Bedding | PCR | 0/12 | 0/8 | 0/10 | 0/2 | 0/6 0/4 | 0/8 0/6 |
| Follicle mites (<i>Psorergates simplex</i>) | Subcutis | Visual | 0/12 | 0/11 | 0/14 | 0/2 | 0/6 | 0/8 |
| Pinworms, e.g., <i>Syphacia</i> species | Cecum | Visual | 0/12 | 0/11 | 0/14 | 0/2 | 0/6 | 0/8 |
| Roundworms and other helminths | Intestine | Visual | 0/12 | 0/11 | 0/14 | 0/2 | 0/6 | 0/8 |
| Tapeworms, e.g., <i>Hymenolepis</i> species | Intestine | Visual | 0/12 | 0/11 | 0/14 | 0/2 | 0/6 | 0/8 |
| Trichomonads | Intestine | Micro | 0/12 | 0/11 | 0/14 | 0/2 | 0/6 | 0/8 |
| Other intestinal protozoa, including: <i>Spiroucleus muris</i> <i>Giardia muris</i> | Intestine | Micro | 0/12 | 0/11 | 0/14 | 0/2 | 0/6 | 0/8 |

*LN = Lymph Node

**NT = Not Tested. Fur mite PCR screening is performed on a semi-annual basis

The MBP 2nd Street Facility area is a 7-room, conventional production building located at the University of California, Davis.

This report summarizes the cumulative results of tests performed on dirty bedding sentinels from MBP Room L9 at UC Davis, CA. Room L9 was opened for use July 2017 and began housing animals August 2017. Note data are reported as positive tests / total tests performed. Please contact the Mouse Biology Program at 530-757-3333 or email mbp@ucdavis.edu with questions about this report or animal health related issues.



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| Organism | Sample | Test Method | Mar '18 | Jun '18 | Sep '18 | Dec '18 | Mar '19 | Jun '19 |
|--|-----------------|--------------|------------|------------|------------|------------|------------|------------|
| VIRUSES | | | | | | | | |
| Ectromelia virus | Serum | MFI/ELISA | 0/4 | 0/2 | 0/2 | 0/4 | 0/2 | 0/2 |
| GDVII (Theiler's) virus | Serum | MFI/ELISA | 0/4 | 0/2 | 0/2 | 0/4 | 0/2 | 0/2 |
| Lymphocytic choriomeningitis (LCMV) | Serum | MFI/ELISA | 0/4 | 0/2 | 0/2 | 0/4 | 0/2 | 0/2 |
| Minute virus of mice (MVM) | Serum | MFI/ELISA | 0/4 | 0/2 | 0/2 | 0/4 | 0/2 | 0/2 |
| Mouse adenovirus of mice (MAV 1 & 2) | Serum | MFI/ELISA | 0/4 | 0/2 | 0/2 | 0/4 | 0/2 | 0/2 |
| Mouse hepatitis virus (MHV) | Serum | MFI/ELISA | 0/4 | 0/2 | 0/2 | 0/4 | 0/2 | 0/2 |
| Mouse parvovirus (MPV) | Serum/ LN* | ELISA PCR | 0/2 0/4 | 0/2 0/4 | 0/2 0/4 | 0/4 0/8 | 0/2 0/4 | 0/2 0/4 |
| Pneumonia virus of mice (PVM) | Serum | ELISA | 0/4 | 0/2 | 0/2 | 0/4 | 0/2 | 0/2 |
| Reovirus 3 (REO 3) | Serum | ELISA | 0/4 | 0/2 | 0/2 | 0/4 | 0/2 | 0/2 |
| Rotavirus (EDIM) | Serum | ELISA | 0/4 | 0/2 | 0/2 | 0/4 | 0/2 | 0/2 |
| Sendai virus | Serum | ELISA | 0/4 | 0/2 | 0/2 | 0/4 | 0/2 | 0/2 |
| Murine norovirus (MNV) | Serum | ELISA | 0/4 | 0/2 | 0/2 | 0/4 | 0/2 | 0/2 |
| BACTERIA & MYCOPLASMA | | | | | | | | |
| <i>Klebsiella</i> species | Nasopharynx | Culture | 0/4 | 0/2 | 0/2 | 0/4 | 0/2 | 0/2 |
| <i>Pasteurella pneumotropica</i> | Nasopharynx | Culture | 0/4 | 0/2 | 0/2 | 0/4 | 0/2 | 0/2 |
| <i>Staphylococcus aureus</i> | Nasopharynx | Culture | 0/4 | 0/2 | 0/2 | 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, β hemolytic</i> | Nasopharynx | Culture | 0/4 | 0/2 | 0/2 | 0/4 | 0/2 | 0/2 |
| <i>Mycoplasma arthritidis</i> <i>Mycoplasma pulmonis</i> | Serum | ELISA | 0/4 | 0/2 | 0/2 | 0/4 | 0/2 | 0/2 |
| Intestinal bacteria, including: <i>Citrobacter rodentium</i> <i>Klebsiella</i> species <i>Pseudomonas</i> species <i>Salmonella</i> species | Intestine | Culture | 0/4 | 0/2 | 0/2 | 0/4 | 0/2 | 0/2 |
| <i>Helicobacter</i> species <i>H. hepaticus</i> <i>H. bilis</i> | Intestine/Feces | PCR | 0/4 | 0/4 | 0/4 | 0/8 | 0/4 | 0/4 |

2ND STREET FACILITY
AREA: Rm L9 - MBP
ANIMAL HEALTH REPORT

Date: 08/27/19
Result Summary
Data added August 2019
Current positive results are in **bold**.
See data below.

| Organism | Sample | Test Method | Mar '18 | Jun '18 | Sep '18 | Dec '18 | Mar '19 | Jun '19 |
|--|-----------------|-------------|---------|---------|---------|---------|---------|---------|
| <i>H. rodentium</i> <i>H. typhlonius</i> | | | | | | | | |
| PARASITES & PROTOZOA | | | | | | | | |
| Fleas, fur mites, lice | Fur | Micro | 0/2 | 0/2 | 0/2 | 0/4 | 0/2 | 0/2 |
| Fur Mites | Fur/ bedding | PCR | NT** | NT** | NT** | NT** | NT** | NT** |
| Follicle mites (<i>Psorergates simplex</i>) | Subcutis | Visual | 0/4 | 0/2 | 0/2 | 0/4 | 0/2 | 0/2 |
| Pinworms, e.g., <i>Syphacia</i> species | Cecum | Visual | 0/4 | 0/2 | 0/2 | 0/4 | 0/2 | 0/2 |
| Roundworms and other helminths | Intestine | Visual | 0/4 | 0/2 | 0/2 | 0/4 | 0/2 | 0/2 |
| Tapeworms, e.g., <i>Hymenolepis</i> species | Intestine | Visual | 0/4 | 0/2 | 0/2 | 0/4 | 0/2 | 0/2 |
| Trichomonads | Intestine | Micro | 0/4 | 0/2 | 0/2 | 0/4 | 0/2 | 0/2 |
| Other intestinal protozoa, including: <i>Spirotrunculus muris</i> <i>Giardia muris</i> | Intestine | Micro | 0/4 | 0/2 | 0/2 | 0/4 | 0/2 | 0/2 |

*LN = Lymph Node

**NT = Not Tested. Fur mite PCR screening is performed on a semi-annual basis.

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