

FINAL REPORT OF LABORATORY EXAMINATION

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IDEXX BioAnalytics Case # 38906-2021

Received Date: 12/21/2021

Completed: 12/27/2021

Submitted By

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Specimen Description

Species: mouse
Breed/Strain: ICR
Description: Feces; Opti-Spot; Opti-Spot strip(s)
Number of Specimens/Animals: 23
Building/Facility: ARC
Area: ARC
Study: 4th Quarter Serology 2021

Purchase Order #: 32863

| Client ID | Investigator | Room # | Species | Strain /Breed | Sex | Age/DOB | Rack | Date Placed |
|-----------|--------------|--------|---------|---------------|-----|-----------|----------|-------------|
| 1a, 1b | TMG | 103 | mouse | ICR | F | 8/10/2021 | 3,4 | 9/20/2021 |
| 2a, 2b | TMG | 103 | mouse | ICR | F | 8/10/2021 | 15 | 9/20/2021 |
| 3a, 3b | TMG | 103 | mouse | ICR | F | 8/10/2021 | 7, 8, 1 | 9/20/2021 |
| 4a | TMG | 103 | mouse | ICR | F | 8/10/2021 | 6 | 9/20/2021 |
| 5a, 5b | MK/RP | 103 | mouse | ICR | F | 8/10/2021 | 5,10, 13 | 9/20/2021 |
| 7a, 7b | RN | 117 | mouse | ICR | F | 8/10/2021 | 7a, 7b | 9/20/2021 |
| 8a | TMG | 117 | mouse | ICR | F | 8/10/2021 | 4b | 9/20/2021 |
| 9a, 9b | RP | 117 | mouse | ICR | F | 8/10/2021 | 6A, 6B | 9/20/2021 |
| 10a | MK | 117 | mouse | ICR | F | 8/10/2021 | 1 | 9/20/2021 |
| 11a, 11b | MO | 117 | mouse | ICR | F | 8/10/2021 | 2A, 2B | 9/20/2021 |
| 12a, 12b | TN | 117 | mouse | ICR | F | 8/10/2021 | 5A, 5B | 9/20/2021 |
| 13a, 13b | MO/TN | 117 | mouse | ICR | F | 8/10/2021 | 3A, 3B | 9/20/2021 |
| 14 | JC | 117 | mouse | ICR | F | 8/10/2021 | CAG cre | 9/20/2021 |
| 15 | JC | 117 | mouse | ICR | F | 8/10/2021 | UBC cre | 9/20/2021 |
| 16 | JC | 117 | mouse | ICR | F | 8/10/2021 | Q111 | 9/20/2021 |
| 17 | MK | 117 | mouse | ICR | F | 8/10/2021 | 3F4 | 9/20/2021 |
| 18 | JC | 137 | mouse | ICR | F | 8/10/2021 | 1,2,3 | 9/20/2021 |
| 19 | DEC | IC | mouse | ICR | F | 8/10/2021 | 1 | 9/20/2021 |
| 103 | | 103 | mouse | ICR | F | 8/10/2021 | | 9/20/2021 |

| Client ID | Investigator | Room # | Species | Strain /Breed | Sex | Age/DOB | Rack | Date Placed |
|-----------|--------------|--------|---------|---------------|-----|-----------|------|-------------|
| 117 #1 | | 117 | mouse | ICR | F | 8/10/2021 | | 9/20/2021 |
| 117 #2 | | 117 | mouse | ICR | F | 8/10/2021 | | 9/20/2021 |
| 137 | | 137 | mouse | ICR | F | 8/10/2021 | | 9/20/2021 |
| IC | | IC | mouse | ICR | F | 8/10/2021 | | 9/20/2021 |

Services/Tests Performed: Pinworm and Fur Mite Panel (19-23); Advantage Comprehensive (Health Monitoring) (1-18)

Serologic evaluation for antibodies to: *Mycoplasma pulmonis*, Ectromelia, EDIM, LCMV, MAV1, MAV2, MHV, MNV, MPV, MVM, Polyoma, PVM, REO3, Sendai, TMEV

PCR evaluation for: *Aspiculuris tetraptera*, *Myocoptes*, *Radfordia/Myobia*, *Syphacia muris*, *Syphacia obvelata*

General Comments: Tracking: 775558749040

Summary: Antibodies to MNV were detected by MFI2 in multiple samples.

Please see the report for details.

SEROLOGY SUMMARY

| | 1a, 1b | 2a, 2b | 3a, 3b | 4a | 5a, 5b |
|----------------------------|--------|--------|--------|----|--------|
| Ectromelia | - | - | - | - | - |
| EDIM | - | - | - | - | - |
| LCMV | - | - | - | - | - |
| <i>Mycoplasma pulmonis</i> | - | - | - | - | - |
| MAV1 | - | - | - | - | - |
| MAV2 | - | - | - | - | - |
| MHV | - | - | - | - | - |
| MNV | - | - | - | - | - |
| MPV | - | - | - | - | - |
| MVM | - | - | - | - | - |
| Polyoma | - | - | - | - | - |
| PVM | - | - | - | - | - |
| REO3 | - | - | - | - | - |
| TMEV | - | - | - | - | - |
| Sendai | - | - | - | - | - |
| Mouse IgG | N | N | N | N | N |

| | 7a, 7b | 8a | 9a, 9b | 10a | 11a, 11b |
|----------------------------|--------|----|--------|-----|----------|
| Ectromelia | - | - | - | - | - |
| EDIM | - | - | - | - | - |
| LCMV | - | - | - | - | - |
| <i>Mycoplasma pulmonis</i> | - | - | - | - | - |
| MAV1 | - | - | - | - | - |
| MAV2 | - | - | - | - | - |
| MHV | - | - | - | - | - |
| MNV | + | + | + | - | + |
| MPV | - | - | - | - | - |
| MVM | - | - | - | - | - |
| Polyoma | - | - | - | - | - |
| PVM | - | - | - | - | - |
| REO3 | - | - | - | - | - |
| TMEV | - | - | - | - | - |
| Sendai | - | - | - | - | - |
| Mouse IgG | N | N | N | N | N |

| | 12a, 12b | 13a, 13b | 14 | 15 | 16 |
|------------|----------|----------|----|----|----|
| Ectromelia | - | - | - | - | - |
| EDIM | - | - | - | - | - |

| | 12a, 12b | 13a, 13b | 14 | 15 | 16 |
|----------------------------|----------|----------|----|----|----|
| LCMV | - | - | - | - | - |
| <i>Mycoplasma pulmonis</i> | - | - | - | - | - |
| MAV1 | - | - | - | - | - |
| MAV2 | - | - | - | - | - |
| MHV | - | - | - | - | - |
| MNV | - | + | - | - | - |
| MPV | - | - | - | - | - |
| MVM | - | - | - | - | - |
| Polyoma | - | - | - | - | - |
| PVM | - | - | - | - | - |
| REO3 | - | - | - | - | - |
| TMEV | - | - | - | - | - |
| Sendai | - | - | - | - | - |
| Mouse IgG | N | N | N | N | N |

| | 17 | 18 | 19 |
|----------------------------|----|----|----|
| Ectromelia | - | - | - |
| EDIM | - | - | - |
| LCMV | - | - | - |
| <i>Mycoplasma pulmonis</i> | - | - | - |
| MAV1 | - | - | - |
| MAV2 | - | - | - |
| MHV | - | - | - |
| MNV | + | - | - |
| MPV | - | - | - |
| MVM | - | - | - |
| Polyoma | - | - | - |
| PVM | - | - | - |
| REO3 | - | - | - |
| TMEV | - | - | - |
| Sendai | - | - | - |
| Mouse IgG | N | N | N |

Legend: + = positive - = negative blank = test not performed EQ = equivocal HE = hemolysis precluded testing I = insufficient W = weak positive WB = Western Blot confirmatory analysis pending NS = non-specific reactivity N = normal IgG L = less than normal IgG

PCR EVALUATION

| feces | 103 | 117 #1 | 117 #2 | 137 | IC |
|-------------------------------|-----|--------|--------|-----|----|
| <i>Aspiculuris tetraptera</i> | - | - | - | - | - |
| <i>Syphacia muris</i> | - | - | - | - | - |
| <i>Syphacia obvelata</i> | - | - | - | - | - |
| <i>Myocoptes</i> | - | - | - | - | - |
| <i>Radfordia/Myobia</i> | - | - | - | - | - |

Legend: + = positive - = negative id:id = pooled sample range id+id+id = non-range pooled sample NT or blank = no test performed sus = suspect wps = weak positive XX = Testing in progress