

**FINAL REPORT OF LABORATORY EXAMINATION**

4011 Discovery Drive, Columbia, MO 65201

1-800-669-0825 1-573-499-5700

[idxxbioanalytics@idexx.com](mailto:idxxbioanalytics@idexx.com)

[www.idexxbioanalytics.com](http://www.idexxbioanalytics.com)

**IDEXX BioAnalytics Case # 106894-2026**

**Received Date: 3/20/2026**

**Version # 1**

**Report Date: 3/26/2026**

**Submitted By**

Resource Center Animals-RRRC Resource Center  
Animals-RRRC  
University of Missouri-RRRC  
Columbia, MO 65201

Phone: 573-884-7970  
Email: brydae@missouri.edu;oneilla@missouri.edu;oconnore@missouri.edu;RRRC@missouri.edu;lehgrr@missouri.edu;mfndb@missouri.edu;adgxcc@missouri.edu;akoetting@missouri.edu; klgbkt@missouri.edu

**Referred By**

Craig Franklin  
University of Missouri-Franklin  
Veterinary Pathobiology  
4011 Discovery Drive  
Columbia, MO 65201

Fax: 573-884-7521  
Email: FranklinC@missouri.edu

**Specimen Description**

Species: rat  
Description: Feces; Pelt Swab  
Number of Specimens/Animals: 5  
Building/Facility: Disco Ridge

**Purchase Order #: FHH53**

Client ID	Investigator	Room #	Species	Sex
W112 Rat fur mite swab/pinworm fecal racks 6-7A	Davis	W112	rat	M/F
W112 Rat fur mite swab/pinworm fecal racks 7B-8	Davis	W112	rat	M/F
W113 Rat fur mite swab/pinworm fecal racks 1-3	Bryda	W113	rat	M/F
W113 Rat fur mite swab/pinworm fecal racks 4-6	Bryda	W113	rat	M/F
W114 Rat fur mite swab/pinworm fecal racks	Bryda	W114	rat	M/F

**Services/Tests Performed:** Pinworm and Fur Mite Panel (1-5)

**General Comments:** Quarterly rat pinworm and fur mite testing for "A" status rooms(W112, W113 and W114) at the RRRC and AMC 3/20/2026 AOB.

**Summary:** All test results were negative.

**PCR EVALUATION**

feces	W112 Rat fur mite swab/pinworm fecal racks 6-7A	W112 Rat fur mite swab/pinworm fecal racks 7B-8	W113 Rat fur mite swab/pinworm fecal racks 1-3	W113 Rat fur mite swab/pinworm fecal racks 4-6	W114 Rat fur mite swab/pinworm fecal racks
<i>Aspicularis tetraptera</i>	-	-	-	-	-
<i>Syphacia muris</i>	-	-	-	-	-
<i>Syphacia obvelata</i>	-	-	-	-	-

pelt swab	W112 Rat fur mite swab/pinworm fecal racks 6-7A	W112 Rat fur mite swab/pinworm fecal racks 7B-8	W113 Rat fur mite swab/pinworm fecal racks 1-3	W113 Rat fur mite swab/pinworm fecal racks 4-6	W114 Rat fur mite swab/pinworm fecal racks
<i>Myocoptes</i>	-	-	-	-	-
<i>Radfordia/Myobia</i>	-	-	-	-	-

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

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**IDEXX BioAnalytics Case # 106658-2026**

**Received Date: 3/18/2026**

**Version # 1**

**Report Date: 3/25/2026**

**Submitted By**

Justin Wilson (RRRC)  
University of Missouri-RRRC  
University of Missouri-RRRC  
Columbia, MO 65201

Phone: 573-884-2524  
Email: wilsonjus@missouri.edu;KorteS@missouri.edu;conore@missouri.edu;FranklinC@missouri.edu;oneillblaira@missouri.edu

**Specimen Description**

Species: rat  
Breed/Strain: HET RNU  
Description: Whole Animal  
Number of Specimens/Animals: 14  
Building/Facility: Discovery Ridge

**Purchase Order #: 691609**

Client ID	Investigator	Room #	Species	Strain /Breed	Sex	Rack	Date Placed
112-A	Davis	W112	rat	HET RNU	F	1	12/15/2025
112-B	Davis	W112	rat	HET RNU	F	2	12/15/2025
112-C	Davis	W112	rat	HET RNU	F	3	12/15/2025
113-A	Bryda	W113	rat	HET RNU	F	1	12/15/2025
113-B	Bryda	W113	rat	HET RNU	F	2	12/15/2025
113-C	Bryda	W113	rat	HET RNU	F	3	12/15/2025
113-D	Bryda	W113	rat	HET RNU	F	4	12/15/2025
113-E	Bryda	W113	rat	HET RNU	F	5	12/15/2025
113-F	Bryda	W113	rat	HET RNU	F	6	12/15/2025
114-A	Bryda	W114	rat	HET RNU	F	1	12/15/2025
114-B	Bryda	W114	rat	HET RNU	F	2	12/15/2025
114-C	Bryda	W114	rat	HET RNU	F	3	12/15/2025
114-D	Bryda	W114	rat	HET RNU	F	4	12/15/2025
114-E	Bryda	W114	rat	HET RNU	F	5	12/15/2025

**Services/Tests Performed:** MU RRRC Rat Quarterly Sentinel and Rederivation Surrogate Profile (1-14)

**Serologic evaluation for antibodies to:** *Mycoplasma pulmonis*, *Pneumocystis carinii*, H1, KRV, LCMV, PVM, RCV/SDAV, REO3, RMV, RPV, RTV, Sendai

**PCR evaluation for:** *Helicobacter bilis*, *Helicobacter ganmani*, *Helicobacter hepaticus*, *Helicobacter mastomyrinus*, *Helicobacter rodentium*, *Helicobacter* spp., *Helicobacter typhlonius*, *Mycoplasma pulmonis*,

*Streptococcus* sp. beta hemolytic Group A, *Streptococcus* sp. beta hemolytic Group B, *Streptococcus* sp. beta hemolytic Group C, *Streptococcus* sp. beta hemolytic Group G

**Parasitologic evaluation for:** fur mites, mesostigmatid mites, lice, *Spironucleus muris*, *Giardia muris*, large intestinal flagellates and amoeba, pinworms and tapeworms

**Microbiologic evaluation for:** *Rodentibacter heylii*, *Rodentibacter pneumotropicus*, *Salmonella enterica*, *Streptococcus pneumoniae*

**General Comments:** Discovery Ridge - 2026 Q1 'A' room rat sentinel necropsies

**Summary:** All test results were negative. Please see the report for details.

**NECROPSY**

No gross lesions were detected in any of the body systems and organs examined.

**SEROLOGY SUMMARY**

	112-A	112-B	112-C	113-A	113-B	113-C	113-D	113-E	113-F	114-A
LCMV	-	-	-	-	-	-	-	-	-	-
<i>Mycoplasma pulmonis</i>	-	-	-	-	-	-	-	-	-	-
<i>Pneumocystis carinii</i>	-	-	-	-	-	-	-	-	-	-
RPV	-	-	-	-	-	-	-	-	-	-
RMV	-	-	-	-	-	-	-	-	-	-
KRV	-	-	-	-	-	-	-	-	-	-
H1	-	-	-	-	-	-	-	-	-	-
PVM	-	-	-	-	-	-	-	-	-	-
RCV/SDAV	-	-	-	-	-	-	-	-	-	-
REO3	-	-	-	-	-	-	-	-	-	-
RTV	-	-	-	-	-	-	-	-	-	-
Sendai	-	-	-	-	-	-	-	-	-	-
Rat IgG	N	N	N	N	N	N	N	N	N	N

	114-B	114-C	114-D	114-E
LCMV	-	-	-	-
<i>Mycoplasma pulmonis</i>	-	-	-	-
<i>Pneumocystis carinii</i>	-	-	-	-
RPV	-	-	-	-
RMV	-	-	-	-
KRV	-	-	-	-
H1	-	-	-	-
PVM	-	-	-	-
RCV/SDAV	-	-	-	-
REO3	-	-	-	-
RTV	-	-	-	-
Sendai	-	-	-	-
Rat IgG	N	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	112-A	112-B	112-C	113-A	113-B	113-C	113-D	113-E	113-F	114-A
<i>Helicobacter</i> spp.	-	-	-	-	-	-	-	-	-	-
<i>Helicobacter bilis</i>	-	-	-	-	-	-	-	-	-	-

feces	112-A	112-B	112-C	113-A	113-B	113-C	113-D	113-E	113-F	114-A
<i>Helicobacter ganmani</i>	-	-	-	-	-	-	-	-	-	-
<i>Helicobacter hepaticus</i>	-	-	-	-	-	-	-	-	-	-
<i>Helicobacter mastomyrinus</i>	-	-	-	-	-	-	-	-	-	-
<i>Helicobacter rodentium</i>	-	-	-	-	-	-	-	-	-	-
<i>Helicobacter typhlonius</i>	-	-	-	-	-	-	-	-	-	-

feces	114-B	114-C	114-D	114-E
<i>Helicobacter</i> spp.	-	-	-	-
<i>Helicobacter bilis</i>	-	-	-	-
<i>Helicobacter ganmani</i>	-	-	-	-
<i>Helicobacter hepaticus</i>	-	-	-	-
<i>Helicobacter mastomyrinus</i>	-	-	-	-
<i>Helicobacter rodentium</i>	-	-	-	-
<i>Helicobacter typhlonius</i>	-	-	-	-

oral swab	112-A	112-B	112-C	113-A	113-B	113-C	113-D	113-E	113-F	114-A
<i>Mycoplasma pulmonis</i>	-	-	-	-	-	-	-	-	-	-
<i>Streptococcus</i> sp. beta hemolytic Group A	-	-	-	-	-	-	-	-	-	-
<i>Streptococcus</i> sp. beta hemolytic Group B	-	-	-	-	-	-	-	-	-	-
<i>Streptococcus</i> sp. beta hemolytic Group C	-	-	-	-	-	-	-	-	-	-
<i>Streptococcus</i> sp. beta hemolytic Group G	-	-	-	-	-	-	-	-	-	-

oral swab	114-B	114-C	114-D	114-E
<i>Mycoplasma pulmonis</i>	-	-	-	-
<i>Streptococcus</i> sp. beta hemolytic Group A	-	-	-	-
<i>Streptococcus</i> sp. beta hemolytic Group B	-	-	-	-
<i>Streptococcus</i> sp. beta hemolytic Group C	-	-	-	-
<i>Streptococcus</i> sp. beta hemolytic Group G	-	-	-	-

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

## PARASITOLOGY

	112-A	112-B	112-C	113-A	113-B	113-C	113-D	113-E	113-F	114-A
parasites	-	-	-	-	-	-	-	-	-	-

	114-B	114-C	114-D	114-E
parasites	-	-	-	-

## MICROBIOLOGY

Source/Specimen: cecum

Isolate	112-A	112-B	112-C	113-A	113-B	113-C	113-D	113-E	113-F	114-A
<i>Salmonella enterica</i>	-	-	-	-	-	-	-	-	-	-

Source/Specimen: cecum

Isolate	114-B	114-C	114-D	114-E
<i>Salmonella enterica</i>	-	-	-	-

Source/Specimen: oral swab

Isolate	112-A	112-B	112-C	113-A	113-B	113-C	113-D	113-E	113-F	114-A
<i>Rodentibacter heylII</i>	-	-	-	-	-	-	-	-	-	-
<i>Rodentibacter pneumotropicus</i>	-	-	-	-	-	-	-	-	-	-
<i>Streptococcus pneumoniae</i>	-	-	-	-	-	-	-	-	-	-

Source/Specimen: oral swab

Isolate	114-B	114-C	114-D	114-E
<i>Rodentibacter heylII</i>	-	-	-	-
<i>Rodentibacter pneumotropicus</i>	-	-	-	-
<i>Streptococcus pneumoniae</i>	-	-	-	-

Legend: + = agent recovered   - = agent not recovered   blank = test not performed   n = no growth   X = Preliminary

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IDEXX BioAnalytics Case # 106658-2026

Received Date: 3/18/2026

Version # 1

Report Date: 3/25/2026

SEROLOGY DETAILS

	Baseline	112-A	112-B	112-C	113-A	113-B	113-C	113-D	113-E	113-F	114-A
<b>LCMV</b>											
LCMV recombinant	MFI > 3.000	-	-	-	-	-	-	-	-	-	-
<b>Mycoplasma pulmonis</b>											
<i>M. pulmonis</i> purified bacteria	MFI > 4.250	-	-	-	-	-	-	-	-	-	-
<b>Pneumocystis carinii</b>											
<i>P. carinii</i>	MFI > 1.500	-	-	-	-	-	-	-	-	-	-
<b>RPV</b>											
RPV purified virus	MFI > 2.500	-	-	-	-	-	-	-	-	-	-
NS1 <sup>1</sup>	MFI > 3.750	-	-	-	-	-	-	-	-	-	-
<b>RMV</b>											
RMV VP2 recombinant	MFI > 2.000	-	-	-	-	-	-	-	-	-	-
NS1 <sup>1</sup>	MFI > 3.750	-	-	-	-	-	-	-	-	-	-
<b>KRV</b>											
KRV purified virus	MFI > 4.250	-	-	-	-	-	-	-	-	-	-
NS1 <sup>1</sup>	MFI > 3.750	-	-	-	-	-	-	-	-	-	-
<b>H1</b>											
H1 purified virus	MFI > 1.750	-	-	-	-	-	-	-	-	-	-
NS1 <sup>1</sup>	MFI > 3.750	-	-	-	-	-	-	-	-	-	-
<b>PVM</b>											
PVM purified virus	MFI > 2.500	-	-	-	-	-	-	-	-	-	-
<b>RCV/SDAV</b>											
RCV/SDAV purified virus	MFI > 3.750	-	-	-	-	-	-	-	-	-	-
RCV/SDAV Spike	MFI > 3.750	-	-	-	-	-	-	-	-	-	-
<b>REO3</b>											
REO3 purified virus	MFI > 4.900	-	-	-	-	-	-	-	-	-	-
<b>RTV</b>											
RTV purified virus	MFI > 2.000	-	-	-	-	-	-	-	-	-	-
TMEV purified virus	MFI > 2.000	-	-	-	-	-	-	-	-	-	-

	Baseline	112-A	112-B	112-C	113-A	113-B	113-C	113-D	113-E	113-F	114-A
<b>Sendai</b>											
Sendai purified virus	MFI > 3.750	-	-	-	-	-	-	-	-	-	-

	Baseline	114-B	114-C	114-D	114-E
<b>LCMV</b>					
LCMV recombinant	MFI > 3.000	-	-	-	-
<b>Mycoplasma pulmonis</b>					
<i>M. pulmonis</i> purified bacteria	MFI > 4.250	-	-	-	-
<b>Pneumocystis carinii</b>					
<i>P. carinii</i>	MFI > 1.500	-	-	-	-
<b>RPV</b>					
RPV purified virus	MFI > 2.500	-	-	-	-
NS1 <sup>1</sup>	MFI > 3.750	-	-	-	-
<b>RMV</b>					
RMV VP2 recombinant	MFI > 2.000	-	-	-	-
NS1 <sup>1</sup>	MFI > 3.750	-	-	-	-
<b>KRV</b>					
KRV purified virus	MFI > 4.250	-	-	-	-
NS1 <sup>1</sup>	MFI > 3.750	-	-	-	-
<b>H1</b>					
H1 purified virus	MFI > 1.750	-	-	-	-
NS1 <sup>1</sup>	MFI > 3.750	-	-	-	-
<b>PVM</b>					
PVM purified virus	MFI > 2.500	-	-	-	-
<b>RCV/SDAV</b>					
RCV/SDAV purified virus	MFI > 3.750	-	-	-	-
RCV/SDAV Spike	MFI > 3.750	-	-	-	-
<b>REO3</b>					
REO3 purified virus	MFI > 4.900	-	-	-	-
<b>RTV</b>					
RTV purified virus	MFI > 2.000	-	-	-	-
TMEV purified virus	MFI > 2.000	-	-	-	-
<b>Sendai</b>					
Sendai purified virus	MFI > 3.750	-	-	-	-

**NS1<sup>1</sup>:** NS1 protein is highly conserved among rodent parvoviruses and thus serves as a generic assay for parvovirus seroconversion.

**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 Positive MFI results are reported as "+" followed by a number from 1 to 33 in thousands rounded off to the nearest thousand.