

FINAL REPORT OF LABORATORY EXAMINATION

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IDEXX BioAnalytics Case # 16567-2020

Received: 6/24/2020

Completed: 6/29/2020

Submitted By

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Specimen Description

Species: mouse

Description: Pelt Swab

Number of Specimens/Animals: 6

ID	Client ID	Investigator	Room #	Species
1	W113 mouse pin worm and fur mite swab	Bryda	W113	mouse
2	W114 mouse pin worm and fur mite swab	Bryda	W114	mouse
3	W116 GM-1 pin worm and fur mite swab	Bryda	W116	mouse
4	W116 GM-3 pin worm and fur mite swab	Bryda	W116	mouse
5	W116 GM-4 pin worm and fur mite swab	Bryda	W116	mouse
6	W116 mouse pin worm and fur mite swab	Bryda	W116	mouse

Services/Tests Performed: Pinworm and Fur Mite Panel (1-6)

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

General Comments: Quarterly pin worm and fur mite testing.

Summary: All test results were negative.

PCR EVALUATION

pelt swab	1	2	3	4	5	6
<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

Test Results

Order #: **2020028775**

LTM Customer ID: 39099
University of Missouri
U Missouri OAR

Charles River Research Animal Diagnostic Services
(CR RADS)
261 Ballardvale Street
Receiving Dock, Bldg 22
Wilmington MA 01887 USA

OAR Room 01
1720 E Campus Drive
Columbia, MO 65201 USA

Billing Information

Payment Method

Standing Purchase PO#: COLUM-C0000431778
Order Exp. 6/2020

University of Missouri
1720 E Campus Drive
Columbia, MO 65201 USA

Details

Sample(s) from: DCRC

Collection Date
17-Jun-2020

Arrival Date
23-Jun-2020

Approval Date
29-Jun-2020

Notes

Disco - 2020 Q2 - Mice sentinel PCR "A" rooms

Diagnostic Summary

Test	Colony	Tested	+	+/-	?	PDG
All results NEGATIVE						

+ = Positive, +/- = Equivocal, ? = Indeterminate, PDG = Pending

To assure the health status of your research animal colonies, it is essential that you understand the sources, pathobiology, diagnosis and control of pathogens and other adventitious infectious agents that may cause research interference. We have summarized this important information in infectious agent **Technical Sheets**, which you can view by visiting http://www.criver.com/info/disease_sheets.

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Sample(s) from: DCRC

Notes

Disco - 2020 Q2 - Mice sentinel PCR "A" rooms

Molecular Diagnostics: Infectious Disease PCR

Results approved by Muise, Delia on 29 Jun 2020

U Missouri Mite and Pinworm Screen PCR

	<u>1</u> 113	<u>2</u> 116	<u>3</u> 114
Mite PCR	-	-	-
Pinworm PCR	-	-	-

Remarks

- = Negative, +/- = Equivocal; + = Positive; I = Inconclusive.

An equivocal result indicates inconsistent amplification detected by real-time PCR.

Inconclusive indicates failure of control result.

Nucleic Acid Recovery Control (NRC)/Inhibition Control: A low copy exogenous nucleic acid was added to sample lysis prior to nucleic acid isolation to serve as both a control to monitor for nucleic acid recovery and PCR inhibition. An RNA NRC also monitors reverse transcription for RNA virus assays. Nucleic acid recovery and PCR inhibition is monitored by a PCR assay specific for the NRC template. Unless otherwise stated, the control results passed for this order.

Any samples reported as equivocal or positive result in this report has been confirmed by re-extracting nucleic acid and repeating real-time PCR amplification to confirm the initial testing result.

Recommended sample types are essential to accurate results. Missing or inappropriate sample types can effect detection. If this report contains an unexpected result or are unsure of recommended sample types, please contact Lab Services@crl.com before taking any action. Additional or alternative testing may be essential to reaching an accurate diagnosis. We will be glad to test newly submitted samples for the positive agents up to the number of unexpected results in this order.

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Notes

Disco - 2020 Q2 - Mice sentinel PCR "A" rooms

Sample Information

Number	Code	Species	Colony	Investigator	Facility	Location	Strain	Placem ent Date
1	113	Mouse	DCRC Sentinel	Bryda	Discovery Ridge	W113	CR ATH HE	3/16/20
2	116	Mouse	DCRC Sentinel	Franklin / Bryda	Discovery Ridge	W116	CR ATH HE	3/16/20
3	114	Mouse	DCRC Sentinel	Bryda	Discovery Ridge	W114	CR ATH HE	3/16/20