

# Test Results

Order #: 2019029607

CHU de Quebec  
(# 37909 - CHU de Quebec- Site CHUL HEJ  
QC)  
1401 R-143  
Rue 18e  
Quebec, QC G1J 1Z4 Canada

Charles River Research Animal Diagnostic Services  
(CR RADS)

261 Ballardvale Street  
Receiving Dock, Bldg 22  
Wilmington MA 01887 USA

## Billing Information

### Payment Method

Standing Purchase PO#: 92426  
Order Exp. 12/2020

## Details

Sample(s) from: Multiple locations

Collection Date  
27-Jun-2019

Arrival Date  
03-Jul-2019

Approval Date  
10-Jul-2019

## 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](http://www.criver.com/info/disease_sheets).

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Results approved by Peck, DiAnne on 10 Jul 2019

## Molecular Diagnostics: Infectious Disease PCR

### QC Mite and Pinworm Screen PCR

	<u>3</u> R-021a C1+2	<u>6</u> R-023b A1+2	<u>9</u> R-023b B1+2	<u>11</u> R-023b D2	<u>13</u> R-023b E1
Pinworm PCR	-	-	-	-	-
Mite 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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## Serology

Results approved by Castillo, Luz on 08 Jul 2019

	<u>1</u> R-021a C1	<u>2</u> R-021a C2	<u>4</u> R-023b A1	<u>5</u> R-023b A2	<u>7</u> R-023b B1	<u>8</u> R-023b B2	<u>10</u> R-023b D2	<u>12</u> R-023b E1
<i>MFIA MHV</i>	-	-	-	-	-	-	-	-
<i>MFIA MVM</i>	-	-	-	-	-	-	-	-
<i>MFIA MPV-1</i>	-	-	-	-	-	-	-	-
<i>MFIA MPV-2</i>	-	-	-	-	-	-	-	-
<i>MFIA NS-1</i>	-	-	-	-	-	-	-	-
<i>MFIA MNV</i>	-	-	-	-	-	-	-	-
<i>MFIA GDVII</i>	-	-	-	-	-	-	-	-
<i>MFIA EDIM (ROTA-A)</i>	-	-	-	-	-	-	-	-
<i>MFIA Anti-Ig</i>	P	P	P	P	P	P	P	P

Serology Profile: QC MFIA Mouse Prevalent Profile

### Remarks

MFIA/IFA/ELISA/WIB Results: - = Negative; +/- = Equivocal; + = Moderate to strong positive; TC = Non-specific reaction with tissue control; I = Indeterminate or Inconclusive; IN = result interpreted as non-specific because not confirmed by alternative serologic assay or diagnostic methodology for other serologic assays, PDG = pending, QNS = Quantity not sufficient. The anti-immunoglobulin (Anti-Ig) MFIA verifies that a serum specimen contains a sufficient concentration of immunoglobulin to be suitable for serologic testing. A result of P (for Pass) corresponds to a median fluorescence index (MFI) at or above the Anti-Ig assay cutoff (typically  $\geq 7000$  or higher). An Anti-Ig assay result of F (for Fail), assigned if the MFI is below the cutoff, might occur because the sample was received too dilute, was collected from an immunocompromised host or was from a species other than the one for which the MFIA is intended. If a sample fails the Anti-Ig MFIA, then negative and borderline results in MFIA for microbial antibodies are considered I (for inconclusive).

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## Sample Information

Number	Code	Species	Colony
1	R-021a C1	Mouse	R-021a Sentinel Mice
2	R-021a C2	Mouse	R-021a Sentinel Mice
3	R-021a C1+2	Mouse	R-021a Sentinel Mice
4	R-023b A1	Mouse	R-023a Sentinel Mice
5	R-023b A2	Mouse	R-023a Sentinel Mice
6	R-023b A1+2	Mouse	R-023a Sentinel Mice
7	R-023b B1	Mouse	R-023a Sentinel Mice
8	R-023b B2	Mouse	R-023a Sentinel Mice
9	R-023b B1+2	Mouse	R-023a Sentinel Mice
10	R-023b D2	Mouse	R-023a Sentinel Mice
11	R-023b D2	Mouse	R-023a Sentinel Mice
12	R-023b E1	Mouse	R-023a Sentinel Mice
13	R-023b E1	Mouse	R-023a Sentinel Mice