

# Test Results

Order #: **2024060308**

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. 12/2030

## Details

Sample(s) from: R-023a

Collection Date  
10-Dec-2024

Arrival Date  
16-Dec-2024

Approval Date  
31-Dec-2024

## Notes

CQ 4 - HEJ - R-023a Support A2 B1-2 C1-2  
R-023b Support C2

## Diagnostic Summary

| Test   | Colony               | Tested | + | +/- | ? | PDG |
|--|----------------------|--------|---|-----|---|-----|
| S. aureus PCR<br>QC EAD Mouse Surveillance Plus PRIA | R-023a Sentinel Mice | 2      | 1 | 0   | 0 | 0   |

+ = 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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## Molecular Diagnostics: Infectious

### Disease PCR

Results approved by Peck, DiAnne on 31 Dec 2024

#### QC EAD Mouse Surveillance Plus PRIA

|   | 1                                | 2                         |
|---|----------------------------------|---------------------------|
|   | R-023a<br>Support A-2<br>et B1-2 | R-023a<br>Support<br>C1-2 |
| <i>Hantaviruses New World PCR</i>                     | -                                | -                         |
| <i>LCMV PCR</i>                                       | -                                | -                         |
| <i>MAV 1 &amp; 2 PCR</i>                              | -                                | -                         |
| <i>MHV PCR</i>  | -                                | -                         |
| <i>MNV PCR</i>  | -                                | -                         |
| <i>Mousepox (Ectromelia) PCR</i>                      | -                                | -                         |
| <i>Mouse Parvovirus (MPV/MVM)<br/>PCR</i>             | -                                | -                         |
| <i>PVM PCR</i>  | -                                | -                         |
| <i>REO PCR</i>  | -                                | -                         |
| <i>SEND PCR</i>                                       | -                                | -                         |
| <i>MRV (EDIM) PCR</i>                                 | -                                | -                         |
| <i>TMEV/GDVII PCR</i>                                 | -                                | -                         |
| <i>Beta Strep Grp A PCR</i>                           | -                                | -                         |
| <i>Beta Strep Grp B PCR</i>                           | -                                | -                         |
| <i>Beta Strep Grp C PCR</i>                           | -                                | -                         |
| <i>Beta Strep Grp G PCR</i>                           | -                                | -                         |
| <i>B. bronchiseptica PCR</i>                          | -                                | -                         |
| <i>B. pseudohinzii PCR</i>                            | -                                | -                         |
| <i>Filobacterium rodentium (CAR<br/>Bacillus) PCR</i> | -                                | -                         |
| <i>C. rodentium PCR</i>                               | -                                | -                         |
| <i>C. piliforme PCR</i>                               | -                                | -                         |
| <i>C. bovis PCR</i>                                   | -                                | -                         |
| <i>C. kutscheri PCR</i>                               | -                                | -                         |
| <i>Helicobacter genus PCR</i>                         | -                                | -                         |
| <i>K. oxytoca PCR</i>                                 | -                                | -                         |
| <i>K. pneumoniae PCR</i>                              | -                                | -                         |
| <i>M. pulmonis PCR</i>                                | -                                | -                         |
| <i>R. heyltii PCR</i>                                 | -                                | -                         |
| <i>R. pneumotropicus PCR</i>                          | -                                | -                         |

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R-023b Support C2

## Molecular Diagnostics: Infectious

### Disease PCR

Results approved by Peck, DiAnne on 31 Dec 2024

#### QC EAD Mouse Surveillance Plus PRIA (continued)

|                                 | <b>1</b><br>R-023a<br>Support A-2<br>et B1-2 | <b>2</b><br>R-023a<br>Support<br>C1-2 |
|---------------------------------|--|---------------------------------------|
| <i>Ps. aeruginosa</i> PCR       | -  | -                                     |
| <i>Salmonella</i> Genus PCR     | -  | -                                     |
| <i>S. aureus</i> PCR            | -  | +                                     |
| <i>S. moniliformis</i> PCR      | -  | -                                     |
| <i>S. pneumoniae</i> PCR        | -  | -                                     |
| <i>Cryptosporidium</i> PCR      | -  | -                                     |
| <i>Demodex</i> PCR              | -  | -                                     |
| <i>Entamoeba</i> PCR            | -  | -                                     |
| <i>E. cuniculi</i> PCR          | -  | -                                     |
| <i>Giardia</i> PCR              | -  | -                                     |
| <i>Mite</i> PCR                 | -  | -                                     |
| <i>Pinworm</i> PCR              | -  | -                                     |
| <i>Pneumocystis</i> PCR         | -  | -                                     |
| <i>Spirochete muris</i> PCR     | -  | -                                     |
| <i>Tritrichomonas</i> genus PCR | -  | -                                     |

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## Molecular Diagnostics: Infectious

### Disease PCR

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### Mouse Prevalent PRIA

3  
R-023b  
Support C2

|                                       |   |
|---------------------------------------|---|
| <b>MNV PCR</b>                        | - |
| <b>MHV PCR</b>                        | - |
| <b>Mouse Parvovirus (MPV/MVM) PCR</b> | - |
| <b>MRV (EDIM) PCR</b>                 | - |
| <b>TMEV/GDVII PCR</b>                 | - |
| <b>Helicobacter genus PCR</b>         | - |
| <b>R. heylII PCR</b>                  | - |
| <b>R. pneumotropicus PCR</b>          | - |
| <b>Entamoeba PCR</b>                  | - |
| <b>Mite PCR</b>                       | - |
| <b>Pneumocystis PCR</b>               | - |
| <b>Pinworm PCR</b>                    | - |
| <b>Spirochete muris PCR</b>           | - |
| <b>Trichomonas genus PCR</b>          | - |

Remarks

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R-023b Support C2

- = 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. If any results are unexpected positives, it is suggested to submit a new representative sample for gratis retesting of the specific agent(s) in question. Please reference this order on the new submission so we can adjust the billing to gratis. The gratis testing is only up to the number of unexpected results in this order.

Recommended sample types are essential to accurate results. Missing or inappropriate sample types and/or expired buffer/additives can affect detection, and may produce false-negative results. If this report contains an unexpected result or are unsure of recommended sample types, please contact [LabServices@crl.com](mailto:LabServices@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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R-023b Support C2

## Sample Information

| Number | Code                       | Species | Colony               |
|--------|----------------------------|---------|----------------------|
| 1      | R-023a Support A-2 et B1-2 | Mouse   | R-023a Sentinel Mice |
| 2      | R-023a Support C1-2        | Mouse   | R-023a Sentinel Mice |
| 3      | R-023b Support C2          | Mouse   | R-023b Sentinel Mice |