

# Test Results

Order #: **2022043675**

LTM Customer ID: 38307  
The University of Hong Kong  
U Hong Kong Ctr for Comparative Med  
Research

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

10A Sassoon Road  
Pokfulam, HK 0 Hong Kong  
Attn: Ms. Lily Lee

## Billing Information

Payment Method  
Purchase Order PO#: HKU00012538

University of Hong Kong  
10A Sassoon Road  
Pokfulam, HK 0 Hong Kong

## Details

Sample(s) from: NULL

| Collection Date | Arrival Date | Approval Date |
|-----------------|--------------|---------------|
| 02-Sep-2022     | 19-Sep-2022  | 20-Sep-2022   |

## Notes

Lab. No. 2209M1-2209M27, Location: Specific Pathogen Free Breeding Area- (SPFBA)

## 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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## Notes

Lab. No. 2209M1-2209M27, Location: Specific Pathogen Free Breeding Area- (SPFBA)

## Serology

Results approved by Tejada, Rosanilis on 20 Sep 2022

|                                 | <u>1</u>          | <u>2</u>          | <u>3</u>         | <u>4</u>          | <u>5</u>          | <u>6</u>          | <u>7</u>          | <u>8</u>          | <u>9</u>          | <u>10</u>          |
|---------------------------------|-------------------|-------------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
|                                 | 2209M1,<br>Rm.207 | 2209M2,<br>Rm.207 | 2209M3<br>Rm.207 | 2209M4,<br>Rm.208 | 2209M5,<br>Rm.208 | 2209M6,<br>Rm.208 | 2209M7,<br>Rm.209 | 2209M8,<br>Rm.209 | 2209M9,<br>Rm.209 | 2209M10,<br>Rm.210 |
| <i>MFIA SEND</i>                | -                 | -                 | -                | -                 | -                 | -                 | -                 | -                 | -                 | -                  |
| <i>MFIA PVM</i>                 | -                 | -                 | -                | -                 | -                 | -                 | -                 | -                 | -                 | -                  |
| <i>MFIA MHV</i>                 | -                 | -                 | -                | -                 | -                 | -                 | -                 | -                 | -                 | -                  |
| <i>MFIA MVM</i>                 | -                 | -                 | -                | -                 | -                 | -                 | -                 | -                 | -                 | -                  |
| <i>MFIA MPV-1</i>               | -                 | -                 | -                | -                 | -                 | -                 | -                 | -                 | -                 | -                  |
| <i>MFIA MPV-2</i>               | -                 | -                 | -                | -                 | -                 | -                 | -                 | -                 | -                 | -                  |
| <i>MFIA MPV-5</i>               | -                 | -                 | -                | -                 | -                 | -                 | -                 | -                 | -                 | -                  |
| <i>MFIA NS-1</i>                | -                 | -                 | -                | -                 | -                 | -                 | -                 | -                 | -                 | -                  |
| <i>MFIA MNV</i>                 | -                 | -                 | -                | -                 | -                 | -                 | -                 | -                 | -                 | -                  |
| <i>MFIA GDVII</i>               | -                 | -                 | -                | -                 | -                 | -                 | -                 | -                 | -                 | -                  |
| <i>MFIA REO</i>                 | -                 | -                 | -                | -                 | -                 | -                 | -                 | -                 | -                 | -                  |
| <i>MFIA EDIM (ROTA-A)</i>       | -                 | -                 | -                | -                 | -                 | -                 | -                 | -                 | -                 | -                  |
| <i>MFIA LCMV</i>                | -                 | -                 | -                | -                 | -                 | -                 | -                 | -                 | -                 | -                  |
| <i>MFIA ECTRO</i>               | -                 | -                 | -                | -                 | -                 | -                 | -                 | -                 | -                 | -                  |
| <i>MFIA MAV 1 &amp; 2</i>       | -                 | -                 | -                | -                 | -                 | -                 | -                 | -                 | -                 | -                  |
| <i>MFIA MCMV</i>                | -                 | -                 | -                | -                 | -                 | -                 | -                 | -                 | -                 | -                  |
| <i>MFIA K Virus</i>             | -                 | -                 | -                | -                 | -                 | -                 | -                 | -                 | -                 | -                  |
| <i>MFIA MTLV</i>                | -                 | -                 | -                | -                 | -                 | -                 | -                 | -                 | -                 | -                  |
| <i>MFIA POLY</i>                | -                 | -                 | -                | -                 | -                 | -                 | -                 | -                 | -                 | -                  |
| <i>MFIA HTNV (HANT)</i>         | -                 | -                 | -                | -                 | -                 | -                 | -                 | -                 | -                 | -                  |
| <i>MFIA MPUL</i>                | -                 | -                 | -                | -                 | -                 | -                 | -                 | -                 | -                 | -                  |
| <i>MFIA CARB (F. rodentium)</i> | -                 | -                 | -                | -                 | -                 | -                 | -                 | -                 | -                 | -                  |
| <i>MFIA LDV</i>                 | -                 | -                 | -                | -                 | -                 | -                 | -                 | -                 | -                 | -                  |
| <i>MFIA CPIL</i>                | -                 | -                 | -                | -                 | -                 | -                 | -                 | -                 | -                 | -                  |
| <i>MFIA ECUN</i>                | -                 | -                 | -                | -                 | -                 | -                 | -                 | -                 | -                 | -                  |
| <i>MFIA PHV</i>                 | -                 | -                 | -                | -                 | -                 | -                 | -                 | -                 | -                 | -                  |
| <i>MFIA Anti-Ig</i>             | P                 | P                 | P                | P                 | P                 | P                 | P                 | P                 | P                 | P                  |

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10A Sassoon Road  
Pokfulam, HK 0 Hong Kong  
Attn: Ms. Lily Lee

## Notes

Lab. No. 2209M1-2209M27, Location: Specific Pathogen Free Breeding Area- (SPFBA)

## Serology

Results approved by Tejada, Rosanilis on 20 Sep 2022

|                                 | <u>11</u>          | <u>12</u>          | <u>13</u>          | <u>14</u>          | <u>15</u>          | <u>16</u>          | <u>17</u>          | <u>18</u>          | <u>19</u>          | <u>20</u>          |
|---------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
|                                 | 2209M11,<br>Rm.210 | 2209M12,<br>Rm.210 | 2209M13,<br>Rm.211 | 2209M14,<br>Rm.211 | 2209M15,<br>Rm.211 | 2209M16,<br>Rm.212 | 2209M17,<br>Rm.212 | 2209M18,<br>Rm.212 | 2209M19,<br>Rm.214 | 2209M20,<br>Rm.214 |
| <b>MFIA SEND</b>                | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  |
| <b>MFIA PVM</b>                 | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  |
| <b>MFIA MHV</b>                 | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  |
| <b>MFIA MVM</b>                 | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  |
| <b>MFIA MPV-1</b>               | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  |
| <b>MFIA MPV-2</b>               | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  |
| <b>MFIA MPV-5</b>               | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  |
| <b>MFIA NS-1</b>                | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  |
| <b>MFIA MNV</b>                 | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  |
| <b>MFIA GDVII</b>               | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  |
| <b>MFIA REO</b>                 | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  |
| <b>MFIA EDIM (ROTA-A)</b>       | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  |
| <b>MFIA LCMV</b>                | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  |
| <b>MFIA ECTRO</b>               | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  |
| <b>MFIA MAV 1 &amp; 2</b>       | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  |
| <b>MFIA MCMV</b>                | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  |
| <b>MFIA K Virus</b>             | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  |
| <b>MFIA MTLV</b>                | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  |
| <b>MFIA POLY</b>                | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  |
| <b>MFIA HTNV (HANT)</b>         | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  |
| <b>MFIA MPUL</b>                | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  |
| <b>MFIA CARB (F. rodentium)</b> | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  |
| <b>MFIA LDV</b>                 | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  |
| <b>MFIA CPIL</b>                | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  |
| <b>MFIA ECUN</b>                | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  |
| <b>MFIA PHV</b>                 | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  |
| <b>MFIA Anti-Ig</b>             | P                  | P                  | P                  | P                  | P                  | P                  | P                  | P                  | P                  | P                  |

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Pokfulam, HK 0 Hong Kong  
Attn: Ms. Lily Lee

## Notes

Lab. No. 2209M1-2209M27, Location: Specific Pathogen Free Breeding Area- (SPFBA)

## Serology

Results approved by Tejada, Rosanilis on 20 Sep 2022

|                                 | <u>21</u>          | <u>22</u>          | <u>23</u>          | <u>24</u>          | <u>25</u>          | <u>26</u>          | <u>27</u>          |
|---------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
|                                 | 2209M21,<br>Rm.214 | 2209M22,<br>Rm.215 | 2209M23,<br>Rm.215 | 2209M24,<br>Rm.215 | 2209M25,<br>Rm.205 | 2209M26,<br>Rm.205 | 2209M27,<br>Rm.205 |
| <b>MFIA SEND</b>                | -                  | -                  | -                  | -                  | -                  | -                  | -                  |
| <b>MFIA PVM</b>                 | -                  | -                  | -                  | -                  | -                  | -                  | -                  |
| <b>MFIA MHV</b>                 | -                  | -                  | -                  | -                  | -                  | -                  | -                  |
| <b>MFIA MVM</b>                 | -                  | -                  | -                  | -                  | -                  | -                  | -                  |
| <b>MFIA MPV-1</b>               | -                  | -                  | -                  | -                  | -                  | -                  | -                  |
| <b>MFIA MPV-2</b>               | -                  | -                  | -                  | -                  | -                  | -                  | -                  |
| <b>MFIA MPV-5</b>               | -                  | -                  | -                  | -                  | -                  | -                  | -                  |
| <b>MFIA NS-1</b>                | -                  | -                  | -                  | -                  | -                  | -                  | -                  |
| <b>MFIA MNV</b>                 | -                  | -                  | -                  | -                  | -                  | -                  | -                  |
| <b>MFIA GDVII</b>               | -                  | -                  | -                  | -                  | -                  | -                  | -                  |
| <b>MFIA REO</b>                 | -                  | -                  | -                  | -                  | -                  | -                  | -                  |
| <b>MFIA EDIM (ROTA-A)</b>       | -                  | -                  | -                  | -                  | -                  | -                  | -                  |
| <b>MFIA LCMV</b>                | -                  | -                  | -                  | -                  | -                  | -                  | -                  |
| <b>MFIA ECTRO</b>               | -                  | -                  | -                  | -                  | -                  | -                  | -                  |
| <b>MFIA MAV 1 &amp; 2</b>       | -                  | -                  | -                  | -                  | -                  | -                  | -                  |
| <b>MFIA MCMV</b>                | -                  | -                  | -                  | -                  | -                  | -                  | -                  |
| <b>MFIA K Virus</b>             | -                  | -                  | -                  | -                  | -                  | -                  | -                  |
| <b>MFIA MTLV</b>                | -                  | -                  | -                  | -                  | -                  | -                  | -                  |
| <b>MFIA POLY</b>                | -                  | -                  | -                  | -                  | -                  | -                  | -                  |
| <b>MFIA HTNV (HANT)</b>         | -                  | -                  | -                  | -                  | -                  | -                  | -                  |
| <b>MFIA MPUL</b>                | -                  | -                  | -                  | -                  | -                  | -                  | -                  |
| <b>MFIA CARB (F. rodentium)</b> | -                  | -                  | -                  | -                  | -                  | -                  | -                  |
| <b>MFIA LDV</b>                 | -                  | -                  | -                  | -                  | -                  | -                  | -                  |
| <b>MFIA CPIL</b>                | -                  | -                  | -                  | -                  | -                  | -                  | -                  |
| <b>MFIA ECUN</b>                | -                  | -                  | -                  | -                  | -                  | -                  | -                  |
| <b>MFIA PHV</b>                 | -                  | -                  | -                  | -                  | -                  | -                  | -                  |
| <b>MFIA Anti-Ig</b>             | P                  | P                  | P                  | P                  | P                  | P                  | P                  |

Serology Profile: UHK MFIA Mouse Full Profile

Remarks

# Test Results

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Attn: Ms. Lily Lee

## Notes

Lab. No. 2209M1-2209M27, Location: Specific Pathogen Free Breeding Area– (SPFBA)

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  $\geq 7000$ . 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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Pokfulam, HK 0 Hong Kong  
Attn: Ms. Lily Lee

## Notes

Lab. No. 2209M1-2209M27, Location: Specific Pathogen Free Breeding Area– (SPFBA)

## Sample Information

| Number | Code               | Species | Colony | Strain                                 | Age   | Sex    |
|--------|--------------------|---------|--------|--|-------|--------|
| 1      | 2209M1,<br>Rm.207  | Mouse   | n/d    | Sentinel/<br>CBA/Ca                    | Adult | Female |
| 2      | 2209M2,<br>Rm.207  | Mouse   | n/d    | Sentinel/<br>CBA/Ca                    | Adult | Female |
| 3      | 2209M3<br>Rm.207   | Mouse   | n/d    | Sentinel/<br>CBA/Ca                    | Adult | Female |
| 4      | 2209M4,<br>Rm.208  | Mouse   | n/d    | Sentinel/<br>CBA/Ca                    | Adult | Female |
| 5      | 2209M5,<br>Rm.208  | Mouse   | n/d    | Sentinel/<br>CBA/Ca                    | Adult | Female |
| 6      | 2209M6,<br>Rm.208  | Mouse   | n/d    | Sentinel/<br>CBA/Ca                    | Adult | Female |
| 7      | 2209M7,<br>Rm.209  | Mouse   | n/d    | Sentinel/<br>CBA/Ca                    | Adult | Female |
| 8      | 2209M8,<br>Rm.209  | Mouse   | n/d    | Sentinel/<br>CBA/Ca                    | Adult | Female |
| 9      | 2209M9,<br>Rm.209  | Mouse   | n/d    | Sentinel/<br>CBA/Ca                    | Adult | Female |
| 10     | 2209M10,<br>Rm.210 | Mouse   | n/d    | Sentinel/<br>BALB/cAnN<br>-nu (Nude/+) | Adult | Female |
| 11     | 2209M11,<br>Rm.210 | Mouse   | n/d    | Sentinel/<br>BALB/cAnN<br>-nu (Nude/+) | Adult | Female |
| 12     | 2209M12,<br>Rm.210 | Mouse   | n/d    | Sentinel/<br>BALB/cAnN<br>-nu (Nude/+) | Adult | Female |
| 13     | 2209M13,<br>Rm.211 | Mouse   | n/d    | Sentinel/<br>BALB/cAnN<br>-nu (Nude/+) | Adult | Female |
| 14     | 2209M14,<br>Rm.211 | Mouse   | n/d    | Sentinel/<br>BALB/cAnN<br>-nu (Nude/+) | Adult | Female |
| 15     | 2209M15,<br>Rm.211 | Mouse   | n/d    | Sentinel/<br>BALB/cAnN<br>-nu (Nude/+) | Adult | Female |
| 16     | 2209M16,<br>Rm.212 | Mouse   | n/d    | Sentinel/<br>BALB/cAnN<br>-nu (Nude/+) | Adult | Female |

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Attn: Ms. Lily Lee

## Notes

Lab. No. 2209M1-2209M27, Location: Specific Pathogen Free Breeding Area– (SPFBA)

## Sample Information

| Number | Code               | Species | Colony | Strain                                 | Age   | Sex    |
|--------|--------------------|---------|--------|--|-------|--------|
| 17     | 2209M17,<br>Rm.212 | Mouse   | n/d    | Sentinel/<br>BALB/cAnN<br>-nu (Nude/+) | Adult | Female |
| 18     | 2209M18,<br>Rm.212 | Mouse   | n/d    | Sentinel/<br>BALB/cAnN<br>-nu (Nude/+) | Adult | Female |
| 19     | 2209M19,<br>Rm.214 | Mouse   | n/d    | Sentinel/<br>BALB/c                    | Adult | Female |
| 20     | 2209M20,<br>Rm.214 | Mouse   | n/d    | Sentinel/<br>BALB/c                    | Adult | Female |
| 21     | 2209M21,<br>Rm.214 | Mouse   | n/d    | Sentinel/<br>BALB/c                    | Adult | Female |
| 22     | 2209M22,<br>Rm.215 | Mouse   | n/d    | Sentinel/<br>ICR (CD-1)                | Adult | Female |
| 23     | 2209M23,<br>Rm.215 | Mouse   | n/d    | Sentinel/<br>ICR (CD-1)                | Adult | Female |
| 24     | 2209M24,<br>Rm.215 | Mouse   | n/d    | Sentinel/<br>ICR (CD-1)                | Adult | Female |
| 25     | 2209M25,<br>Rm.205 | Mouse   | n/d    | Sentinel/<br>IVC ICR                   | Adult | Female |
| 26     | 2209M26,<br>Rm.205 | Mouse   | n/d    | Sentinel/<br>IVC ICR                   | Adult | Female |
| 27     | 2209M27,<br>Rm.205 | Mouse   | n/d    | Sentinel/<br>IVC ICR                   | Adult | Female |

# Test Results

Order #: **2022043683**

LTM Customer ID: 38307  
The University of Hong Kong  
U Hong Kong Ctr for Comparative Med  
Research

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261 Ballardvale Street  
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10A Sassoon Road  
Pokfulam, HK 0 Hong Kong  
Attn: Ms. Lily Lee

## Billing Information

Payment Method  
Purchase Order PO#: HKU00012538

University of Hong Kong  
10A Sassoon Road  
Pokfulam, HK 0 Hong Kong

## Details

Sample(s) from: NULL

| Collection Date | Arrival Date | Approval Date |
|-----------------|--------------|---------------|
| 01-Sep-2022     | 19-Sep-2022  | 19-Sep-2022   |

## Notes

Lab. No. 2209R1-2209R9, Location: Specific Pathogen Free Breeding Area- (SPFBA)

## Diagnostic Summary

| Test   | Colony | Tested | + | +/- | ? | PDG |
|--|--------|--------|---|-----|---|-----|
| MFIA PCAR ("RRV")<br>UHK MFIA Rat Full Profile | n/d    | 9      | 9 | 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).



# Test Results

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Pokfulam, HK 0 Hong Kong  
Attn: Ms. Lily Lee

## Notes

Lab. No. 2209R1-2209R9, Location: Specific Pathogen Free Breeding Area- (SPFBA)

## Serology

Results approved by Kudalis, Diane on 19 Sep 2022

|                                    | <u>1</u><br>2209R1,<br>Rm.220 | <u>2</u><br>2209R2,<br>Rm.220 | <u>3</u><br>2209R3,<br>Rm.220 | <u>4</u><br>2209R4,<br>Rm.222 | <u>5</u><br>2209R5,<br>Rm.222 | <u>6</u><br>2209R6,<br>Rm.222 | <u>7</u><br>2209R7,<br>Rm.232 | <u>8</u><br>2209R8,<br>Rm.232 | <u>9</u><br>2209R9,<br>Rm.232 |
|------------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| MFIA SEND                          | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| MFIA PVM                           | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| MFIA SDAV                          | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| MFIA KRV                           | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| MFIA H-1                           | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| MFIA RPV                           | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| MFIA RMV                           | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| MFIA NS-1                          | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| MFIA REO                           | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| MFIA RTV                           | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| MFIA MAV 1 & 2                     | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| MFIA HTNV (HANT)                   | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| MFIA MPUL                          | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| MFIA ECUN                          | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| MFIA CARB (F. rodentium)           | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| MFIA PCAR ("RRV")                  | +                             | +                             | +                             | +                             | +                             | +                             | +                             | +                             | +                             |
| MFIA CPIL                          | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| MFIA LCMV                          | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| MFIA IDIR (ROTA-B)                 | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| MFIA RPyV2 (Rat<br>Polyomavirus 2) | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             | -                             |
| MFIA Anti-Ig                       | P                             | P                             | P                             | P                             | P                             | P                             | P                             | P                             | P                             |

Serology Profile: UHK MFIA Rat Full 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  $\geq 7000$ . 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).

# Test Results

Order #: **2022043683**

LTM Customer ID: 38307  
The University of Hong Kong  
U Hong Kong Ctr for Comparative Med  
Research

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

10A Sassoon Road  
Pokfulam, HK 0 Hong Kong  
Attn: Ms. Lily Lee

## Notes

Lab. No. 2209R1-2209R9, Location: Specific Pathogen Free Breeding Area- (SPFBA)

## Sample Information

| Number | Code              | Species | Colony | Strain  | Age   | Sex    |
|--------|-------------------|---------|--------|---|-------|--------|
| 1      | 2209R1,<br>Rm.220 | Rat     | n/d    | Sentinel/<br>CD(SD)IGS<br>(Sprague<br>Dawley) | Adult | Female |
| 2      | 2209R2,<br>Rm.220 | Rat     | n/d    | Sentinel/<br>CD(SD)IGS<br>(Sprague<br>Dawley) | Adult | Female |
| 3      | 2209R3,<br>Rm.220 | Rat     | n/d    | Sentinel/<br>CD(SD)IGS<br>(Sprague<br>Dawley) | Adult | Female |
| 4      | 2209R4,<br>Rm.222 | Rat     | n/d    | Sentinel/<br>CD(SD)IGS<br>(Sprague<br>Dawley) | Adult | Female |
| 5      | 2209R5,<br>Rm.222 | Rat     | n/d    | Sentinel/<br>CD(SD)IGS<br>(Sprague<br>Dawley) | Adult | Female |
| 6      | 2209R6,<br>Rm.222 | Rat     | n/d    | Sentinel/<br>CD(SD)IGS<br>(Sprague<br>Dawley) | Adult | Female |
| 7      | 2209R7,<br>Rm.232 | Rat     | n/d    | Sentinel/<br>CD(SD)IGS<br>(Sprague<br>Dawley) | Adult | Female |
| 8      | 2209R8,<br>Rm.232 | Rat     | n/d    | Sentinel/<br>CD(SD)IGS<br>(Sprague<br>Dawley) | Adult | Female |
| 9      | 2209R9,<br>Rm.232 | Rat     | n/d    | Sentinel/<br>CD(SD)IGS<br>(Sprague<br>Dawley) | Adult | Female |

# Test Results

Order #: **2022043686**

LTM Customer ID: 38307  
The University of Hong Kong  
U Hong Kong Ctr for Comparative Med  
Research

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

10A Sassoon Road  
Pokfulam, HK 0 Hong Kong  
Attn: Ms. Lily Lee

## Billing Information

Payment Method  
Purchase Order PO#: HKU00012538

University of Hong Kong  
10A Sassoon Road  
Pokfulam, HK 0 Hong Kong

## Details

Sample(s) from: NULL

| Collection Date | Arrival Date | Approval Date |
|-----------------|--------------|---------------|
| 01-Sep-2022     | 19-Sep-2022  | 21-Sep-2022   |

## Notes

Lab. No. 2209Rb1-2209Rb6, Location: Specific Pathogen Free Breeding Area- (SPFBA)

## 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).

# Test Results

Order #: **2022043686**

LTM Customer ID: 38307  
The University of Hong Kong  
U Hong Kong Ctr for Comparative Med  
Research

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

10A Sassoon Road  
Pokfulam, HK 0 Hong Kong  
Attn: Ms. Lily Lee

## Notes

Lab. No. 2209Rb1-2209Rb6, Location: Specific Pathogen Free Breeding Area- (SPFBA)

## Serology

Results approved by Kudalis, Diane on 21 Sep 2022

|                                 | <u>1</u><br>2209Rb1,<br>Rm.233 | <u>2</u><br>2209Rb2,<br>Rm.233 | <u>3</u><br>2209Rb3,<br>Rm.233 | <u>4</u><br>2209Rb4,<br>Rm.233 | <u>5</u><br>2209Rb5,<br>Rm.233 | <u>6</u><br>2209Rb6,<br>Rm.233 |
|---------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| <b>MFIA ROTA</b>                | -                              | -                              | -                              | -                              | -                              | -                              |
| <b>MFIA ECUN</b>                | -                              | -                              | -                              | -                              | -                              | -                              |
| <b>MFIA CPIL</b>                | -                              | -                              | -                              | -                              | -                              | -                              |
| <b>MFIA CARB (F. rodentium)</b> | -                              | -                              | -                              | -                              | -                              | -                              |
| <b>MFIA PIV-1</b>               | -                              | -                              | -                              | -                              | -                              | -                              |
| <b>MFIA TOXO GONDII</b>         | -                              | -                              | -                              | -                              | -                              | -                              |
| <b>MFIA Anti-Ig</b>             | P                              | P                              | P                              | P                              | P                              | P                              |
| <b>RPR TREP</b>                 | -                              | -                              | -                              | -                              | -                              | -                              |
| <b>ELISA RHDV</b>               | -                              | -                              | -                              | -                              | -                              | -                              |
| <b>IFA RbAV</b>                 | -                              | -                              | -                              | -                              | -                              | -                              |
| <b>IFA RbCV</b>                 | -                              | -                              | -                              | -                              | -                              | -                              |
| <b>ELISA Myxoma</b>             | -                              | -                              | -                              | -                              | -                              | -                              |

Serology Profile: UHK MFIA Rabbit Full 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  $\geq 7000$ . 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).

# Test Results

Order #: **2022043686**

LTM Customer ID: 38307  
The University of Hong Kong  
U Hong Kong Ctr for Comparative Med  
Research

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

10A Sassoon Road  
Pokfulam, HK 0 Hong Kong  
Attn: Ms. Lily Lee

## Notes

Lab. No. 2209Rb1-2209Rb6, Location: Specific Pathogen Free Breeding Area- (SPFBA)

## Sample Information

| Number | Code               | Species | Colony | Strain                        | Age                | Sex    |
|--------|--------------------|---------|--------|-------------------------------|--------------------|--------|
| 1      | 2209Rb1,<br>Rm.233 | Rabbit  | n/d    | NZW (New<br>Zealand<br>White) | Breeder<br>(6R1)   | Female |
| 2      | 2209Rb2,<br>Rm.233 | Rabbit  | n/d    | NZW (New<br>Zealand<br>White) | Breeder<br>(1G)    | Male   |
| 3      | 2209Rb3,<br>Rm.233 | Rabbit  | n/d    | NZW (New<br>Zealand<br>White) | Lactating<br>(5X1) | Male   |
| 4      | 2209Rb4,<br>Rm.233 | Rabbit  | n/d    | NZW (New<br>Zealand<br>White) | Lactating<br>(5X2) | Male   |
| 5      | 2209Rb5,<br>Rm.233 | Rabbit  | n/d    | NZW (New<br>Zealand<br>White) | Stock (1Q)         | Male   |
| 6      | 2209Rb6,<br>Rm.233 | Rabbit  | n/d    | NZW (New<br>Zealand<br>White) | Stock (1K)         | Male   |

# Test Results

Order #: **2022044221**

LTM Customer ID: 38307  
The University of Hong Kong  
U Hong Kong Ctr for Comparative Med  
Research

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

10A Sassoon Road  
Pokfulam, HK 0 Hong Kong

## Billing Information

### Payment Method

Purchase Order PO#: HKU00012538

University of Hong Kong  
10A Sassoon Road  
Pokfulam, HK 0 Hong Kong

## Details

Sample(s) from: NULL

Collection Date  
26-Jul-2022

Arrival Date  
16-Sep-2022

Approval Date  
27-Sep-2022

## Notes

Lab. No. 2207Rb1, Location: Specific Pathogen Free Breeding Area (SPFBA)

## 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).

# Test Results

Order #: **2022044221**

LTM Customer ID: 38307  
The University of Hong Kong  
U Hong Kong Ctr for Comparative Med  
Research

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

10A Sassoon Road  
Pokfulam, HK 0 Hong Kong

## Notes

Lab. No. 2207Rb1, Location: Specific Pathogen Free Breeding Area (SPFBA)

## Molecular Diagnostics: Infectious

### Disease PCR

Results approved by Peck, DiAnne on 27 Sep 2022

### UHK Rabbit 23 Agent PRIA

1  
2207Rb1,  
Rm.233

|   |   |
|---|---|
| Group A Rotavirus                                 | - |
| LCMV PCR  | - |
| Rabbit Hepatitis E Virus PCR                      | - |
| Rabbit Picobirnavirus PCR                         | - |
| B. bronchiseptica PCR                             | - |
| C. piliforme PCR                                  | - |
| Helicobacter genus                                | - |
| Lawsonia PCR                                      | - |
| P. multocida PCR                                  | - |
| Ps. aeruginosa PCR                                | - |
| Rabbit Respiratory-associated<br>Helicobacter PCR | - |
| R. heyltii PCR                                    | - |
| R. pneumotropicus PCR                             | - |
| Salmonella Genus PCR                              | - |
| S. aureus PCR                                     | - |
| Cryptosporidium PCR                               | - |
| Demodex PCR                                       | - |
| E. cuniculi PCR                                   | - |
| Entamoeba PCR                                     | - |
| F. tularensis PCR                                 | - |
| Giardia PCR                                       | - |
| P. ambiguus PCR                                   | - |
| Rabbit Eimeria PCR                                | - |
| Treponema paraluis-cuniculi                       | - |

Remarks

# Test Results

Order #: **2022044221**

**LTM Customer ID: 38307**  
**The University of Hong Kong**  
**U Hong Kong Ctr for Comparative Med**  
**Research**

10A Sassoon Road  
Pokfulam, HK 0 Hong Kong

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

## Notes

Lab. No. 2207Rb1, Location: Specific Pathogen Free Breeding Area (SPFBA)

- = 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 and/or expired buffer/additives can affect detection. If this report contains an unexpected result or are unsure of recommended sample types, please contact [Lab\\_Services@crl.com](mailto: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.



# Test Results

Order #: **2022044221**

LTM Customer ID: 38307  
The University of Hong Kong  
U Hong Kong Ctr for Comparative Med  
Research

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

10A Sassoon Road  
Pokfulam, HK 0 Hong Kong

## Notes

Lab. No. 2207Rb1, Location: Specific Pathogen Free Breeding Area (SPFBA)

## Sample Information

| Number | Code               | Species | Colony | Strain                        | Age | Sex |
|--------|--------------------|---------|--------|-------------------------------|-----|-----|
| 1      | 2207Rb1,<br>Rm.233 | Rabbit  | n/d    | NZW (New<br>Zealand<br>White) |     |     |

# Test Results

Order #: **2022043674**

LTM Customer ID: 38307  
The University of Hong Kong  
U Hong Kong Ctr for Comparative Med  
Research

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

10A Sassoon Road  
Pokfulam, HK 0 Hong Kong

## Billing Information

Payment Method  
Purchase Order PO#: HKU00012538

University of Hong Kong  
10A Sassoon Road  
Pokfulam, HK 0 Hong Kong

## Details

Sample(s) from: NULL

| Collection Date | Arrival Date | Approval Date |
|-----------------|--------------|---------------|
| 08-Sep-2022     | 16-Sep-2022  | 26-Sep-2022   |

## Notes

Lab. No. 2209SHR7, Location: Specific Pathogen Free Breeding Area- (SPFBA)

## 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).

# Test Results

Order #: 2022043674

LTM Customer ID: 38307  
The University of Hong Kong  
U Hong Kong Ctr for Comparative Med  
Research

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

10A Sassoon Road  
Pokfulam, HK 0 Hong Kong

## Notes

Lab. No. 2209SHR7, Location: Specific Pathogen Free Breeding Area- (SPFBA)

## Molecular Diagnostics: Infectious

### Disease PCR

Results approved by Gomez, Jessica on 26 Sep 2022

### Helicobacter Screen PCR

1  
2209SHR7,  
Rm.232

|                           |   |
|---------------------------|---|
| <i>Helicobacter</i> genus | - |
| <i>H. bilis</i>           | - |
| <i>H. ganmani</i>         | - |
| <i>H. hepaticus</i>       | - |
| <i>H. mastomyrinus</i>    | - |
| <i>H. rodentium</i>       | - |
| <i>H. typhlonius</i>      | - |

### Assays

1  
2209SHR7,  
Rm.232

|  |   |
|--|---|
| <i>Streptobacillus moniliformis</i><br>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 and/or expired buffer/additives can affect 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.

# Test Results

Order #: **2022043674**

LTM Customer ID: 38307  
The University of Hong Kong  
U Hong Kong Ctr for Comparative Med  
Research

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

10A Sassoon Road  
Pokfulam, HK 0 Hong Kong

## Notes

Lab. No. 2209SHR7, Location: Specific Pathogen Free Breeding Area- (SPFBA)

## Sample Information

| Number | Code                | Species | Colony | Strain  | Age   | Sex    |
|--------|---------------------|---------|--------|---|-------|--------|
| 1      | 2209SHR7,<br>Rm.232 | Rat     | n/d    | Sentinel/<br>CD(SD)IGS<br>(Sprague<br>Dawley) | Adult | Female |

# Test Results

Order #: **2022043687**

LTM Customer ID: 38307  
The University of Hong Kong  
U Hong Kong Ctr for Comparative Med  
Research

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

10A Sassoon Road  
Pokfulam, HK 0 Hong Kong

## Billing Information

### Payment Method

Purchase Order PO#: HKU00012538

University of Hong Kong  
10A Sassoon Road  
Pokfulam, HK 0 Hong Kong

## Details

Sample(s) from: NULL

Collection Date  
02-Sep-2022

Arrival Date  
16-Sep-2022

Approval Date  
26-Sep-2022

## Notes

Lab. No. 2209SHM22, 2209PM1-2209PM2, Location: Specific Pathogen Free Breeding Area- (SPFBA)

## Diagnostic Summary

| Test  | Colony | Tested | + | +/- | ? | PDG |
|---|--------|--------|---|-----|---|-----|
| H. bilis<br>Helicobacter Screen PCR           | n/d    | 1      | 1 | 0   | 0 | 0   |
| H. ganmani<br>Helicobacter Screen PCR         | n/d    | 1      | 1 | 0   | 0 | 0   |
| H. hepaticus<br>Helicobacter Screen PCR       | n/d    | 1      | 1 | 0   | 0 | 0   |
| Helicobacter genus<br>Helicobacter Screen PCR | n/d    | 1      | 1 | 0   | 0 | 0   |
| Pneumocystis PCR                              | n/d    | 2      | 1 | 0   | 0 | 0   |

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

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# Test Results

Order #: **2022043687**

LTM Customer ID: 38307  
The University of Hong Kong  
U Hong Kong Ctr for Comparative Med  
Research

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

10A Sassoon Road  
Pokfulam, HK 0 Hong Kong

## Notes

Lab. No. 2209SHM22, 2209PM1-2209PM2, Location: Specific Pathogen Free Breeding Area- (SPFBA)

## Molecular Diagnostics: Infectious

### Disease PCR

Results approved by Thor, Savin on 26 Sep 2022

### Helicobacter Screen PCR

1  
2209SHM22  
, Rm.215

|                           |   |
|---------------------------|---|
| <i>Helicobacter</i> genus | + |
| <i>H. bilis</i>           | + |
| <i>H. ganmani</i>         | + |
| <i>H. hepaticus</i>       | + |
| <i>H. mastomyrinus</i>    | - |
| <i>H. rodentium</i>       | - |
| <i>H. typhlonius</i>      | - |

### Assays

1                      2                      3  
2209SHM22    2209PM1,    2209PM2,  
, Rm.215       Rm.215       Rm.215

|  |   |   |   |
|--|---|---|---|
| <i>Streptobacillus moniliformis</i><br>PCR | - |   |   |
| <i>Pneumocystis</i> PCR                    |   | - | + |

### Remarks

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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.

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# Test Results

Order #: **2022043687**

LTM Customer ID: 38307  
The University of Hong Kong  
U Hong Kong Ctr for Comparative Med  
Research

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

10A Sassoon Road  
Pokfulam, HK 0 Hong Kong

## Notes

Lab. No. 2209SHM22, 2209PM1-2209PM2, Location: Specific Pathogen Free Breeding Area- (SPFBA)

## Sample Information

| Number | Code                 | Species | Colony | Strain                  | Age       | Sex    |
|--------|----------------------|---------|--------|-------------------------|-----------|--------|
| 1      | 2209SHM22,<br>Rm.215 | Mouse   | n/d    | Sentinel/<br>ICR (CD-1) | Adult     | Female |
| 2      | 2209PM1,<br>Rm.215   | Mouse   | n/d    | ICR (CD-1)              | 5-6 weeks |        |
| 3      | 2209PM2,<br>Rm.215   | Mouse   | n/d    | ICR (CD-1)              | 5-6 weeks |        |

# Test Results

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

10A Sassoon Road  
Pokfulam, HK 0 Hong Kong

## Billing Information

### Payment Method

Purchase Order PO#: HKU00012538

University of Hong Kong  
10A Sassoon Road  
Pokfulam, HK 0 Hong Kong

## Details

Sample(s) from: NULL

Collection Date  
29-Aug-2022

Arrival Date  
16-Sep-2022

Approval Date  
27-Sep-2022

## Notes

Lab. No. 2209M31-2209M34 (Interceptor), Location: Specific Pathogen Free Breeding Area- (SPFBA)

## Diagnostic Summary

| Test                      | Colony | Tested | + | +/- | ? | PDG |
|---------------------------|--------|--------|---|-----|---|-----|
| Astrovirus-1 PCR          | n/d    | 4      | 3 | 0   | 0 | 0   |
| UHK Mouse Quarantine PRIA |        |        |   |     |   |     |

+ = 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).



# Test Results

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## Notes

Lab. No. 2209M31-2209M34 (Interceptor), Location: Specific Pathogen Free Breeding Area– (SPFBA)

## Molecular Diagnostics: Infectious

### Disease PCR

Results approved by Peck, DiAnne on 27 Sep 2022

#### UHK Mouse Quarantine PRIA

|  | <u>1</u>                         | <u>2</u>                         | <u>3</u>                        | <u>4</u>                         |
|--|----------------------------------|----------------------------------|---------------------------------|----------------------------------|
|  | 2209M31,<br>Rm.204<br>(IVC Nude) | 2209M32,<br>Rm.204<br>(IVC SCID) | 2209M33,<br>Rm.205<br>(IVC ICR) | 2209M34,<br>Rm.206<br>(IVC Nude) |
| <b>Hantaan PCR</b>                     | -                                | -                                | -                               | -                                |
| <b>Hantaviruses New World PCR</b>      | -                                | -                                | -                               | -                                |
| <b>LCMV PCR</b>                        | -                                | -                                | -                               | -                                |
| <b>LDV PCR</b>                         | -                                | -                                | -                               | -                                |
| <b>MAV 1 &amp; 2 PCR</b>               | -                                | -                                | -                               | -                                |
| <b>MCMV PCR</b>                        | -                                | -                                | -                               | -                                |
| <b>MHV PCR</b>                         | -                                | -                                | -                               | -                                |
| <b>MNV PCR</b>                         | -                                | -                                | -                               | -                                |
| <b>Mousepox (Ectromelia) PCR</b>       | -                                | -                                | -                               | -                                |
| <b>Mouse Parvovirus (MPV/MVM) PCR</b>  | -                                | -                                | -                               | -                                |
| <b>MRV (EDIM) PCR</b>                  | -                                | -                                | -                               | -                                |
| <b>MTLV PCR</b>                        | -                                | -                                | -                               | -                                |
| <b>POLY PCR</b>                        | -                                | -                                | -                               | -                                |
| <b>PVM PCR</b>                         | -                                | -                                | -                               | -                                |
| <b>REO PCR</b>                         | -                                | -                                | -                               | -                                |
| <b>SEND PCR</b>                        | -                                | -                                | -                               | -                                |
| <b>TMEV/GDVII PCR</b>                  | -                                | -                                | -                               | -                                |
| <b>Beta Strep Grp A PCR</b>            | -                                | -                                | -                               | -                                |
| <b>Beta Strep Grp B PCR</b>            | -                                | -                                | -                               | -                                |
| <b>Beta Strep Grp C PCR</b>            | -                                | -                                | -                               | -                                |
| <b>Beta Strep Grp G PCR</b>            | -                                | -                                | -                               | -                                |
| <b>B. bronchiseptica PCR</b>           | -                                | -                                | -                               | -                                |
| <b>B. pseudohinzii PCR</b>             | -                                | -                                | -                               | -                                |
| <b>Campylobacter Genus PCR</b>         | -                                | -                                | -                               | -                                |
| <b>CAR Bacillus (F. rodentium) PCR</b> | -                                | -                                | -                               | -                                |
| <b>C. rodentium PCR</b>                | -                                | -                                | -                               | -                                |
| <b>C. piliforme PCR</b>                | -                                | -                                | -                               | -                                |
| <b>C. bovis PCR</b>                    | -                                | -                                | -                               | -                                |
| <b>C. kutscheri PCR</b>                | -                                | -                                | -                               | -                                |

# Test Results

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10A Sassoon Road  
Pokfulam, HK 0 Hong Kong

## Notes

Lab. No. 2209M31-2209M34 (Interceptor), Location: Specific Pathogen Free Breeding Area– (SPFBA)

## Molecular Diagnostics: Infectious

### Disease PCR

Results approved by Peck, DiAnne on 27 Sep 2022

#### UHK Mouse Quarantine PRIA (continued)

|                                  | <u>1</u>                         | <u>2</u>                         | <u>3</u>                        | <u>4</u>                         |
|----------------------------------|----------------------------------|----------------------------------|---------------------------------|----------------------------------|
|                                  | 2209M31,<br>Rm.204<br>(IVC Nude) | 2209M32,<br>Rm.204<br>(IVC SCID) | 2209M33,<br>Rm.205<br>(IVC ICR) | 2209M34,<br>Rm.206<br>(IVC Nude) |
| <i>Helicobacter genus</i>        | -                                | -                                | -                               | -                                |
| <i>H. bilis</i>                  | -                                | -                                | -                               | -                                |
| <i>H. hepaticus</i>              | -                                | -                                | -                               | -                                |
| <i>K. oxytoca</i> PCR            | -                                | -                                | -                               | -                                |
| <i>K. pneumoniae</i> PCR         | -                                | -                                | -                               | -                                |
| <i>K</i> Virus PCR               | -                                | -                                | -                               | -                                |
| <i>M. pulmonis</i> PCR           | -                                | -                                | -                               | -                                |
| <i>R. heylII</i> PCR             | -                                | -                                | -                               | -                                |
| <i>R. pneumotropicus</i> PCR     | -                                | -                                | -                               | -                                |
| <i>P. multocida</i> PCR          | -                                | -                                | -                               | -                                |
| <i>P. mirabilis</i> PCR          | -                                | -                                | -                               | -                                |
| <i>Salmonella Genus</i> PCR      | -                                | -                                | -                               | -                                |
| <i>Ps. aeruginosa</i> PCR        | -                                | -                                | -                               | -                                |
| <i>S. aureus</i> PCR             | -                                | -                                | -                               | -                                |
| <i>S. moniliformis</i> PCR       | -                                | -                                | -                               | -                                |
| <i>S. pneumoniae</i> PCR         | -                                | -                                | -                               | -                                |
| <i>Toxoplasma gondii</i> PCR     | -                                | -                                | -                               | -                                |
| <i>Y. enterocolitica</i> PCR     | -                                | -                                | -                               | -                                |
| <i>Y. pseudotuberculosis</i> PCR | -                                | -                                | -                               | -                                |
| <i>Cryptosporidium</i> PCR       | -                                | -                                | -                               | -                                |
| <i>Demodex</i> PCR               | -                                | -                                | -                               | -                                |
| <i>Giardia</i> PCR               | -                                | -                                | -                               | -                                |
| <i>E. cuniculi</i> PCR           | -                                | -                                | -                               | -                                |
| <i>Entamoeba</i> PCR             | -                                | -                                | -                               | -                                |
| <i>Mite</i> PCR                  | -                                | -                                | -                               | -                                |
| <i>Pinworm</i> PCR               | -                                | -                                | -                               | -                                |
| <i>Pneumocystis</i> PCR          | -                                | -                                | -                               | -                                |
| <i>Spiroplasma muris</i> PCR     | -                                | -                                | -                               | -                                |
| <i>Tritrichomonas genus</i> PCR  | -                                | -                                | -                               | -                                |
| <i>Astrovirus-1</i> PCR          | +                                | +                                | -                               | +                                |

# Test Results

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Pokfulam, HK 0 Hong Kong

## Notes

Lab. No. 2209M31-2209M34 (Interceptor), Location: Specific Pathogen Free Breeding Area– (SPFBA)

## Molecular Diagnostics: Infectious

### Disease PCR

Results approved by Peck, DiAnne on 27 Sep 2022

#### UHK Mouse Quarantine PRIA (continued)

|                         | <u>1</u>                         | <u>2</u>                         | <u>3</u>                        | <u>4</u>                         |
|-------------------------|----------------------------------|----------------------------------|---------------------------------|----------------------------------|
|                         | 2209M31,<br>Rm.204<br>(IVC Nude) | 2209M32,<br>Rm.204<br>(IVC SCID) | 2209M33,<br>Rm.205<br>(IVC ICR) | 2209M34,<br>Rm.206<br>(IVC Nude) |
| <b>Astrovirus-2 PCR</b> | -                                | -                                | -                               | -                                |

#### Assays

|                              | <u>1</u>                         | <u>2</u>                         | <u>3</u>                        | <u>4</u>                         |
|------------------------------|----------------------------------|----------------------------------|---------------------------------|----------------------------------|
|                              | 2209M31,<br>Rm.204<br>(IVC Nude) | 2209M32,<br>Rm.204<br>(IVC SCID) | 2209M33,<br>Rm.205<br>(IVC ICR) | 2209M34,<br>Rm.206<br>(IVC Nude) |
| <b>Chilomastix muris PCR</b> | -                                | -                                | -                               | -                                |
| <b>Hexamastix muris PCR</b>  | -                                | -                                | -                               | -                                |
| <b>MuCPV PCR (MKPV)</b>      | -                                | -                                | -                               | -                                |

## Remarks

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Inconclusive indicates failure of control result.

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10A Sassoon Road  
Pokfulam, HK 0 Hong Kong

## Notes

Lab. No. 2209M31-2209M34 (Interceptor), Location: Specific Pathogen Free Breeding Area– (SPFBA)

## Sample Information

| Number | Code                             | Species | Colony | Strain   | Age | Sex |
|--------|----------------------------------|---------|--------|----------|-----|-----|
| 1      | 2209M31,<br>Rm.204 (IVC<br>Nude) | Mouse   | n/d    | IVC Nude |     |     |
| 2      | 2209M32,<br>Rm.204 (IVC<br>SCID) | Mouse   | n/d    | IVC SCID |     |     |
| 3      | 2209M33,<br>Rm.205 (IVC<br>ICR)  | Mouse   | n/d    | IVC ICR  |     |     |
| 4      | 2209M34,<br>Rm.206 (IVC<br>Nude) | Mouse   | n/d    | IVC Nude |     |     |