

Test Results

Order #: **2021013560**

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#: 637821

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

Details

Sample(s) from: NULL

| Collection Date | Arrival Date | Approval Date |
|-----------------|--------------|---------------|
| 02-Mar-2021 | 18-Mar-2021 | 22-Mar-2021 |

Notes

Lab. No. 2103M101-2103M157, Location: Minimal Disease Experimental Holding Area (MDA)

Diagnostic Summary

| Test | Colony | Tested | + | +/- | ? | PDG |
|--|--------|--------|----|-----|---|-----|
| IFA MHV | n/d | 3 | 3 | 0 | 0 | 0 |
| MFIA MHV UHK MFIA Mouse Selective Profile | n/d | 57 | 3 | 0 | 0 | 0 |
| MFIA MNV UHK MFIA Mouse Selective Profile | n/d | 57 | 45 | 1 | 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.

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Notes

Lab. No. 2103M101-2103M157, Location: Minimal Disease Experimental Holding Area (MDA)

Serology

Results approved by Wunderlich, Janet on 22 Mar 2021

| | <u>1</u> 2103M101, Rm.102 | <u>2</u> 2103M102, Rm.102 | <u>3</u> 2103M103, Rm.102 | <u>4</u> 2103M104, Rm.103 | <u>5</u> 2103M105, Rm.103 | <u>6</u> 2103M106, Rm.103 | <u>7</u> 2103M107, Rm.104 | <u>8</u> 2103M108, Rm.104 | <u>9</u> 2103M109, Rm.104 | <u>10</u> 2103M110, Rm.105 |
|---------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|----------------------------------|
| MFIA MHV | + | + | + | - | - | - | - | - | - | - |
| MFIA MVM | - | - | - | - | - | - | - | - | - | - |
| MFIA MPV-1 | - | - | - | - | - | - | - | - | - | - |
| MFIA MPV-2 | - | - | - | - | - | - | - | - | - | - |
| MFIA MPV-5 | - | - | - | - | - | - | - | - | - | - |
| MFIA NS-1 | - | - | - | - | - | - | - | - | - | - |
| MFIA MNV | + | + | + | + | + | + | + | + | + | + |
| MFIA GDVII | - | - | - | - | - | - | - | - | - | - |
| MFIA EDIM (ROTA-A) | - | - | - | - | - | - | - | - | - | - |
| MFIA Anti-Ig | P | P | P | P | P | P | P | P | P | P |
| IFA MHV | + | + | + | | | | | | | |

| | <u>11</u> 2103M111, Rm.105 | <u>12</u> 2103M112, Rm.105 | <u>13</u> 2103M113, Rm.106 | <u>14</u> 2103M114, Rm.106 | <u>15</u> 2103M115, Rm.106 | <u>16</u> 2103M116, Rm.107 | <u>17</u> 2103M117, Rm.107 | <u>18</u> 2103M118, Rm.107 | <u>19</u> 2103M119, Rm.108 | <u>20</u> 2103M120, Rm.108 |
|---------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| MFIA MHV | - | - | - | - | - | - | - | - | - | - |
| MFIA MVM | - | - | - | - | - | - | - | - | - | - |
| MFIA MPV-1 | - | - | - | - | - | - | - | - | - | - |
| MFIA MPV-2 | - | - | - | - | - | - | - | - | - | - |
| MFIA MPV-5 | - | - | - | - | - | - | - | - | - | - |
| MFIA NS-1 | - | - | - | - | - | - | - | - | - | - |
| MFIA MNV | + | + | + | + | + | + | + | + | + | + |
| MFIA GDVII | - | - | - | - | - | - | - | - | - | - |
| MFIA EDIM (ROTA-A) | - | - | - | - | - | - | - | - | - | - |
| MFIA Anti-Ig | P | P | P | P | P | P | P | P | P | P |

| | <u>21</u> 2103M121, Rm.108 | <u>22</u> 2103M122, Rm.109 | <u>23</u> 2103M123, Rm.109 | <u>24</u> 2103M124, Rm.109 | <u>25</u> 2103M125, Rm.110 | <u>26</u> 2103M126, Rm.110 | <u>27</u> 2103M127, Rm.110 | <u>28</u> 2103M128, Rm.111 | <u>29</u> 2103M129, Rm.111 | <u>30</u> 2103M130, Rm.111 |
|---------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| MFIA MHV | - | - | - | - | - | - | - | - | - | - |
| MFIA MVM | - | - | - | - | - | - | - | - | - | - |
| MFIA MPV-1 | - | - | - | - | - | - | - | - | - | - |
| MFIA MPV-2 | - | - | - | - | - | - | - | - | - | - |
| MFIA MPV-5 | - | - | - | - | - | - | - | - | - | - |
| MFIA NS-1 | - | - | - | - | - | - | - | - | - | - |
| MFIA MNV | + | + | + | + | + | + | + | + | + | + |
| MFIA GDVII | - | - | - | - | - | - | - | - | - | - |
| MFIA EDIM (ROTA-A) | - | - | - | - | - | - | - | - | - | - |
| MFIA Anti-Ig | P | P | P | P | P | P | P | P | P | P |

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Notes

Lab. No. 2103M101-2103M157, Location: Minimal Disease Experimental Holding Area (MDA)

Serology

Results approved by Wunderlich, Janet on 22 Mar 2021

| | <u>31</u> 2103M131, Rm.112 | <u>32</u> 2103M132, Rm.112 | <u>33</u> 2103M133, Rm.112 | <u>34</u> 2103M134, Rm.118 (NS) | <u>35</u> 2103M135, Rm.118 (NS) | <u>36</u> 2103M136, Rm.118 (NS) | <u>37</u> 2103M137, Rm.118 (NO) | <u>38</u> 2103M138, Rm.118 (NO) | <u>39</u> 2103M139, Rm.118 (NO) | <u>40</u> 2103M140, Rm.118 (Nu) |
|---------------------------|----------------------------------|----------------------------------|----------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| MFIA MHV | - | - | - | - | - | - | - | - | - | - |
| MFIA MVM | - | - | - | - | - | - | - | - | - | - |
| MFIA MPV-1 | - | - | - | - | - | - | - | - | - | - |
| MFIA MPV-2 | - | - | - | - | - | - | - | - | - | - |
| MFIA MPV-5 | - | - | - | - | - | - | - | - | - | - |
| MFIA NS-1 | - | - | - | - | - | - | - | - | - | - |
| MFIA MNV | + | + | + | - | - | - | - | - | - | - |
| MFIA GDVII | - | - | - | - | - | - | - | - | - | - |
| MFIA EDIM (ROTA-A) | - | - | - | - | - | - | - | - | - | - |
| MFIA Anti-Ig | P | P | P | P | P | P | P | P | P | P |

| | <u>41</u> 2103M141, Rm.118 (Nu) | <u>42</u> 2103M142, Rm.118 (Nu) | <u>43</u> 2103M143, Rm.124 | <u>44</u> 2103M144, Rm.124 | <u>45</u> 2103M145, Rm.124 | <u>46</u> 2103M146, Rm.125 | <u>47</u> 2103M147, Rm.125 | <u>48</u> 2103M148, Rm.125 | <u>49</u> 2103M149, Rm.127 | <u>50</u> 2103M150, Rm.127 |
|---------------------------|---------------------------------------|---------------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| MFIA MHV | - | - | - | - | - | - | - | - | - | - |
| MFIA MVM | - | - | - | - | - | - | - | - | - | - |
| MFIA MPV-1 | - | - | - | - | - | - | - | - | - | - |
| MFIA MPV-2 | - | - | - | - | - | - | - | - | - | - |
| MFIA MPV-5 | - | - | - | - | - | - | - | - | - | - |
| MFIA NS-1 | - | - | - | - | - | - | - | - | - | - |
| MFIA MNV | - | - | + | + | + | + | + | + | + | + |
| MFIA GDVII | - | - | - | - | - | - | - | - | - | - |
| MFIA EDIM (ROTA-A) | - | - | - | - | - | - | - | - | - | - |
| MFIA Anti-Ig | P | P | P | P | P | P | P | P | P | P |

| | <u>51</u> 2103M151, Rm.127 | <u>52</u> 2103M152, Rm.128 | <u>53</u> 2103M153, Rm.128 | <u>54</u> 2103M154, Rm.128 | <u>55</u> 2103M155, Rm.128 | <u>56</u> 2103M156, Rm.128 | <u>57</u> 2103M157, Rm.128 |
|---------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| MFIA MHV | - | - | - | - | - | - | - |
| MFIA MVM | - | - | - | - | - | - | - |
| MFIA MPV-1 | - | - | - | - | - | - | - |
| MFIA MPV-2 | - | - | - | - | - | - | - |
| MFIA MPV-5 | - | - | - | - | - | - | - |
| MFIA NS-1 | - | - | - | - | - | - | - |
| MFIA MNV | + | + | + | + | - | - | +/- |
| MFIA GDVII | - | - | - | - | - | - | - |
| MFIA EDIM (ROTA-A) | - | - | - | - | - | - | - |
| MFIA Anti-Ig | P | P | P | P | P | P | P |
| IFA MNV-1 | | | | | | | - |

Serology Profile: UHK MFIA Mouse Selective Profile

Test Results

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

Notes

Lab. No. 2103M101-2103M157, Location: Minimal Disease Experimental Holding Area (MDA)

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 ≥ 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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Attn: Ms. Lily Lee

Notes

Lab. No. 2103M101-2103M157, Location: Minimal Disease Experimental Holding Area (MDA)

Sample Information

| Number | Code | Species | Colony | Strain | Age | Sex |
|--------|---------------------|---------|--------|-------------------------|-------|--------|
| 1 | 2103M101, Rm.102 | Mouse | n/d | Sentinel/ ICR (CD-1) | Adult | Female |
| 2 | 2103M102, Rm.102 | Mouse | n/d | Sentinel/ ICR (CD-1) | Adult | Female |
| 3 | 2103M103, Rm.102 | Mouse | n/d | Sentinel/ ICR (CD-1) | Adult | Female |
| 4 | 2103M104, Rm.103 | Mouse | n/d | Sentinel/ ICR (CD-1) | Adult | Female |
| 5 | 2103M105, Rm.103 | Mouse | n/d | Sentinel/ ICR (CD-1) | Adult | Female |
| 6 | 2103M106 Rm.103 | Mouse | n/d | Sentinel/ ICR (CD-1) | Adult | Female |
| 7 | 2103M107, Rm.104 | Mouse | n/d | Sentinel/ ICR (CD-1) | Adult | Female |
| 8 | 2103M108, Rm.104 | Mouse | n/d | Sentinel/ ICR (CD-1) | Adult | Female |
| 9 | 2103M109, Rm.104 | Mouse | n/d | Sentinel/ ICR (CD-1) | Adult | Female |
| 10 | 2103M110, Rm.105 | Mouse | n/d | Sentinel/ ICR (CD-1) | Adult | Female |
| 11 | 2103M111, Rm.105 | Mouse | n/d | Sentinel/ ICR (CD-1) | Adult | Female |
| 12 | 2103M112, Rm.105 | Mouse | n/d | Sentinel/ ICR (CD-1) | Adult | Female |
| 13 | 2103M113, Rm.106 | Mouse | n/d | Sentinel/ ICR (CD-1) | Adult | Female |
| 14 | 2103M114, Rm.106 | Mouse | n/d | Sentinel/ ICR (CD-1) | Adult | Female |
| 15 | 2103M115, Rm.106 | Mouse | n/d | Sentinel/ ICR (CD-1) | Adult | Female |
| 16 | 2103M116, Rm.107 | Mouse | n/d | Sentinel/ ICR (CD-1) | Adult | Female |
| 17 | 2103M117, Rm.107 | Mouse | n/d | Sentinel/ ICR (CD-1) | Adult | Female |
| 18 | 2103M118, Rm.107 | Mouse | n/d | Sentinel/ ICR (CD-1) | Adult | Female |
| 19 | 2103M119, Rm.108 | Mouse | n/d | Sentinel/ ICR (CD-1) | Adult | Female |
| 20 | 2103M120, Rm.108 | Mouse | n/d | Sentinel/ ICR (CD-1) | Adult | Female |

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Attn: Ms. Lily Lee

Notes

Lab. No. 2103M101-2103M157, Location: Minimal Disease Experimental Holding Area (MDA)

Sample Information

| Number | Code | Species | Colony | Strain | Age | Sex |
|--------|-----------------------------------|---------|--------|--|-------|--------|
| 21 | 2103M121, Rm.108 | Mouse | n/d | Sentinel/ ICR (CD-1) | Adult | Female |
| 22 | 2103M122, Rm.109 | Mouse | n/d | Sentinel/ ICR (CD-1) | Adult | Female |
| 23 | 2103M123, Rm.109 | Mouse | n/d | Sentinel/ ICR (CD-1) | Adult | Female |
| 24 | 2103M124, Rm.109 | Mouse | n/d | Sentinel/ ICR (CD-1) | Adult | Female |
| 25 | 2103M125, Rm.110 | Mouse | n/d | Sentinel/ ICR (CD-1) | Adult | Female |
| 26 | 2103M126, Rm.110 | Mouse | n/d | Sentinel/ ICR (CD-1) | Adult | Female |
| 27 | 2103M127, Rm.110 | Mouse | n/d | Sentinel/ ICR (CD-1) | Adult | Female |
| 28 | 2103M128, Rm.111 | Mouse | n/d | Sentinel/ ICR (CD-1) | Adult | Female |
| 29 | 2103M129, Rm.111 | Mouse | n/d | Sentinel/ ICR (CD-1) | Adult | Female |
| 30 | 2103M130, Rm.111 | Mouse | n/d | Sentinel/ ICR (CD-1) | Adult | Female |
| 31 | 2103M131, Rm.112 | Mouse | n/d | Sentinel/ ICR (CD-1) | Adult | Female |
| 32 | 2103M132, Rm.112 | Mouse | n/d | Sentinel/ ICR (CD-1) | Adult | Female |
| 33 | 2103M133, Rm.112 | Mouse | n/d | Sentinel/ ICR (CD-1) | Adult | Female |
| 34 | 2103M134, Rm.118 (NSG) | Mouse | n/d | Sentinel/ BALB/cAnN -nu (Nude/+) | Adult | Female |
| 35 | 2103M135, Rm.118 (NSG) | Mouse | n/d | Sentinel/ BALB/cAnN -nu (Nude/+) | Adult | Female |
| 36 | 2103M136, Rm.118 (NSG) | Mouse | n/d | Sentinel/ BALB/cAnN -nu (Nude/+) | Adult | Female |
| 37 | 2103M137, Rm.118 (NOD SCID) | Mouse | n/d | Sentinel/ BALB/cAnN -nu (Nude/+) | Adult | Female |
| 38 | 2103M138, Rm.118 (NOD SCID) | Mouse | n/d | Sentinel/ BALB/cAnN -nu (Nude/+) | Adult | Female |

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Pokfulam, HK 0 Hong Kong
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Notes

Lab. No. 2103M101-2103M157, Location: Minimal Disease Experimental Holding Area (MDA)

Sample Information

| Number | Code | Species | Colony | Strain | Age | Sex |
|--------|-----------------------------------|---------|--------|--|-------|--------|
| 39 | 2103M139, Rm.118 (NOD SCID) | Mouse | n/d | Sentinel/ BALB/cAnN -nu (Nude/+) | Adult | Female |
| 40 | 2103M140, Rm.118 (Nude /+) | Mouse | n/d | Sentinel/ BALB/cAnN -nu (Nude/+) | Adult | Female |
| 41 | 2103M141, Rm.118 (Nude /+) | Mouse | n/d | Sentinel/ BALB/cAnN -nu (Nude/+) | Adult | Female |
| 42 | 2103M142, Rm.118 (Nude /+) | Mouse | n/d | Sentinel/ BALB/cAnN -nu (Nude/+) | Adult | Female |
| 43 | 2103M143, Rm.124 | Mouse | n/d | Sentinel/ ICR (CD-1) | Adult | Female |
| 44 | 2103M144, Rm.124 | Mouse | n/d | Sentinel/ ICR (CD-1) | Adult | Female |
| 45 | 2103M145, Rm.124 | Mouse | n/d | Sentinel/ ICR (CD-1) | Adult | Female |
| 46 | 2103M146, Rm.125 | Mouse | n/d | Sentinel/ ICR (CD-1) | Adult | Female |
| 47 | 2103M147, Rm.125 | Mouse | n/d | Sentinel/ ICR (CD-1) | Adult | Female |
| 48 | 2103M148, Rm.125 | Mouse | n/d | Sentinel/ ICR (CD-1) | Adult | Female |
| 49 | 2103M149, Rm.127 | Mouse | n/d | Sentinel/ ICR (CD-1) | Adult | Female |
| 50 | 2103M150, Rm.127 | Mouse | n/d | Sentinel/ ICR (CD-1) | Adult | Female |
| 51 | 2103M151, Rm.127 | Mouse | n/d | Sentinel/ ICR (CD-1) | Adult | Female |
| 52 | 2103M152, Rm.128 | Mouse | n/d | Sentinel/ New ICR (CD-1) | Adult | Female |
| 53 | 2103M153, Rm.128 | Mouse | n/d | Sentinel/ New ICR (CD-1) | Adult | Female |
| 54 | 2103M154, Rm.128 | Mouse | n/d | Sentinel/ New ICR (CD-1) | Adult | Female |

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Attn: Ms. Lily Lee

Notes

Lab. No. 2103M101-2103M157, Location: Minimal Disease Experimental Holding Area (MDA)

Sample Information

| Number | Code | Species | Colony | Strain | Age | Sex |
|--------|---------------------|---------|--------|--------------------------------|-------|--------|
| 55 | 2103M155, Rm.128 | Mouse | n/d | Sentinel/ New ICR (CD-1) | Adult | Female |
| 56 | 2103M156, Rm.128 | Mouse | n/d | Sentinel/ New ICR (CD-1) | Adult | Female |
| 57 | 2103M157, Rm.128 | Mouse | n/d | Sentinel/ New ICR (CD-1) | Adult | Female |

Test Results

Order #: **2021013563**

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Attn: Ms. Lily Lee

Billing Information

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Purchase Order PO#: 637821

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Details

Sample(s) from: NULL

| Collection Date | Arrival Date | Approval Date |
|-----------------|--------------|---------------|
| 23-Feb-2021 | 18-Mar-2021 | 22-Mar-2021 |

Notes

Lab. No. 2103R101-2103R103, Location: Minimal Disease Experimental Holding Area – (MDA)

Diagnostic Summary

| Test | Colony | Tested | + | +/- | ? | PDG |
|--------------------------------|--------|--------|---|-----|---|-----|
| IFA CPIL | n/d | 2 | 1 | 1 | 0 | 0 |
| MFIA CPIL | n/d | 3 | 1 | 1 | 0 | 0 |
| UHK MFIA Rat Selective Profile | | | | | | |

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

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

http://www.criver.com/info/disease_sheets.

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Attn: Ms. Lily Lee

Notes

Lab. No. 2103R101-2103R103, Location: Minimal Disease Experimental Holding Area – (MDA)

Serology

Results approved by Tejada, Rosanilis on 22 Mar 2021

| | <u>1</u> 2103R101, Rm.101 | <u>2</u> 2103R102, Rm.101 | <u>3</u> 2103R103, Rm.101 |
|--------------|---------------------------------|---------------------------------|---------------------------------|
| MFIA PVM | - | - | - |
| MFIA SDAV | - | - | - |
| MFIA KRV | - | - | - |
| MFIA H-1 | - | - | - |
| MFIA RPV | - | - | - |
| MFIA RMV | - | - | - |
| MFIA NS-1 | - | - | - |
| MFIA RTV | - | - | - |
| MFIA MPUL | - | - | - |
| MFIA CPIL | + | +/- | - |
| MFIA Anti-Ig | P | P | P |
| IFA CPIL | + | +/- | |

Serology Profile: UHK MFIA Rat Selective 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 ≥ 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 #: **2021013563**

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. 2103R101-2103R103, Location: Minimal Disease Experimental Holding Area – (MDA)

Sample Information

| Number | Code | Species | Colony | Strain | Age | Sex |
|--------|---------------------|---------|--------|---|-------|--------|
| 1 | 2103R101, Rm.101 | Rat | n/d | Sentinel/ CD(SD)IGS (Sprague Dawley) | Adult | Female |
| 2 | 2103R102, Rm.101 | Rat | n/d | Sentinel/ CD(SD)IGS (Sprague Dawley) | Adult | Female |
| 3 | 2103R103, Rm.101 | Rat | n/d | Sentinel/ CD(SD)IGS (Sprague Dawley) | Adult | Female |

Test Results

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261 Ballardvale Street
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Wilmington MA 01887 USA

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

Billing Information

Payment Method
Purchase Order PO#: 637821

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

Details

Sample(s) from: NULL

| Collection Date | Arrival Date | Approval Date |
|-----------------|--------------|---------------|
| 23-Feb-2021 | 18-Mar-2021 | 25-Mar-2021 |

Notes

Lab. No. 2103R101-2103R103, Location: Minimal Disease Experimental Holding Area – (MDA)
repeated MFIA/IFA CPil

Diagnostic Summary

| Test | Colony | Tested | + | +/- | ? | PDG |
|--------------------------------|--------|--------|---|-----|---|-----|
| IFA CPIL | n/d | 2 | 1 | 1 | 0 | 0 |
| IFA CPIL | n/d | 2 | 1 | 1 | 0 | 0 |
| MFIA CPIL | n/d | 3 | 1 | 1 | 0 | 0 |
| UHK MFIA Rat Selective Profile | | | | | | |
| MFIA CPIL | n/d | 2 | 1 | 1 | 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.

Test Results

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Wilmington MA 01887 USA

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

Notes

Lab. No. 2103R101-2103R103, Location: Minimal Disease Experimental Holding Area – (MDA)
repeated MFIA/IFA CPil

Serology

Results approved by Wunderlich, Janet on 25 Mar 2021

| | <u>1</u> 2103R101, Rm.101 | <u>2</u> 2103R102, Rm.101 | <u>3</u> 2103R103, Rm.101 |
|---------------------|---------------------------------|---------------------------------|---------------------------------|
| MFIA PVM | - | - | - |
| MFIA SDAV | - | - | - |
| MFIA KRV | - | - | - |
| MFIA H-1 | - | - | - |
| MFIA RPV | - | - | - |
| MFIA RMV | - | - | - |
| MFIA NS-1 | - | - | - |
| MFIA RTV | - | - | - |
| MFIA MPUL | - | - | - |
| MFIA CPIL | + | +/- | - |
| MFIA Anti-Ig | P | P | P |
| IFA CPIL | + | +/- | |
| MFIA CPIL | + | +/- | |
| MFIA Anti-Ig | P | P | |
| IFA CPIL | + | +/- | |

Serology Profile: UHK MFIA Rat Selective 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 ≥ 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).

NOTE:

This is a revised report showing repeat CPil results.

Test Results

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Wilmington MA 01887 USA

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

Notes

Lab. No. 2103R101-2103R103, Location: Minimal Disease Experimental Holding Area – (MDA)
repeated MFIA/IFA CPil

Sample Information

| Number | Code | Species | Colony | Strain | Age | Sex |
|--------|---------------------|---------|--------|---|-------|--------|
| 1 | 2103R101, Rm.101 | Rat | n/d | Sentinel/ CD(SD)IGS (Sprague Dawley) | Adult | Female |
| 2 | 2103R102, Rm.101 | Rat | n/d | Sentinel/ CD(SD)IGS (Sprague Dawley) | Adult | Female |
| 3 | 2103R103, Rm.101 | Rat | n/d | Sentinel/ CD(SD)IGS (Sprague Dawley) | Adult | Female |

Test Results

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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#: Covering Invoice for
#2021013361

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

Details

Sample(s) from: NULL

Collection Date

05-Mar-2021

Arrival Date

18-Mar-2021

Approval Date

25-Mar-2021

Notes

Lab. No. 2103HM119 & 2103HM122, Location: Minimal Disease Experimental Holding Area – (MDA)

Diagnostic Summary

| Test | Colony | Tested | + | +/- | ? | PDG |
|---|--------|--------|---|-----|---|-----|
| Astrovirus-1 PCR | n/d | 2 | 2 | 0 | 0 | 0 |
| H. bilis Helicobacter Screen PCR | n/d | 2 | 2 | 0 | 0 | 0 |
| H. ganmani Helicobacter Screen PCR | n/d | 2 | 2 | 0 | 0 | 0 |
| H. hepaticus Helicobacter Screen PCR | n/d | 2 | 2 | 0 | 0 | 0 |
| H. mastomyrinus Helicobacter Screen PCR | n/d | 2 | 2 | 0 | 0 | 0 |
| H. typhlonius Helicobacter Screen PCR | n/d | 2 | 2 | 0 | 0 | 0 |
| Helicobacter genus Helicobacter Screen PCR | n/d | 2 | 2 | 0 | 0 | 0 |

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

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Test Results

Order #: **2021013361**

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

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(CR RADS)
261 Ballardvale Street
Receiving Dock, Bldg 22
Wilmington MA 01887 USA

10A Sassoon Road
Pokfulam, HK 0 Hong Kong

Notes

Lab. No. 2103HM119 & 2103HM122, Location: Minimal Disease Experimental Holding Area – (MDA)

Molecular Diagnostics: Infectious Disease PCR

Results approved by Muise, Delia on 25 Mar 2021

Helicobacter Screen PCR

| | <u>1</u> 2103HM119, 2103HM122, Rm.108 | <u>2</u> Rm.109 |
|---------------------------|---|--------------------|
| <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

| | <u>1</u> 2103HM119, 2103HM122, Rm.108 | <u>2</u> Rm.109 |
|-------------------------|---|--------------------|
| <i>Astrovirus-1 PCR</i> | + | + |
| <i>Astrovirus-2 PCR</i> | - | - |

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.

Test Results

Order #: **2021013361**

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. 2103HM119 & 2103HM122, Location: Minimal Disease Experimental Holding Area – (MDA)

Sample Information

| Number | Code | Species | Colony | Strain | Age | Sex |
|--------|----------------------|---------|--------|----------|-----|-----|
| 1 | 2103HM119, Rm.108 | Mouse | n/d | Resident | | |
| 2 | 2103HM122, Rm.109 | Mouse | n/d | Resident | | |

Test Results

Order #: **2021013362**

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#: Covering Invoice for
#2021013362

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

Details

Sample(s) from: NULL

Collection Date

05-Mar-2021

Arrival Date

18-Mar-2021

Approval Date

24-Mar-2021

Notes

Lab. No. 2103SM119 & 2103SM122, Location: Minimal Disease Experimental Holding Area (MDA)

Diagnostic Summary

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

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

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Test Results

Order #: **2021013362**

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

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(CR RADS)
261 Ballardvale Street
Receiving Dock, Bldg 22
Wilmington MA 01887 USA

10A Sassoon Road
Pokfulam, HK 0 Hong Kong

Notes

Lab. No. 2103SM119 & 2103SM122, Location: Minimal Disease Experimental Holding Area (MDA)

Molecular Diagnostics: Infectious Disease PCR

Results approved by Muise, Delia on 24 Mar 2021

Assays

| | <u>1</u> | <u>2</u> |
|--|---------------------------------|----------------------|
| | 2103SM119, 2103SM122, Rm.108 | 2103SM122, Rm.109 |
| <i>Streptobacillus moniliformis</i> 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.

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Test Results

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The University of Hong Kong
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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. 2103SM119 & 2103SM122, Location: Minimal Disease Experimental Holding Area (MDA)

Sample Information

| Number | Code | Species | Colony | Strain | Age | Sex |
|--------|----------------------|---------|--------|-------------------------|-------|--------|
| 1 | 2103SM119, Rm.108 | Mouse | n/d | Sentinel/ ICR (CD-1) | Adult | Female |
| 2 | 2103SM122, Rm.109 | Mouse | n/d | Sentinel/ ICR (CD-1) | Adult | Female |

Test Results

Order #: **2021013364**

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The University of Hong Kong
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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#: 637821

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

Details

Sample(s) from: NULL

| Collection Date | Arrival Date | Approval Date |
|-----------------|--------------|---------------|
| 25-Feb-2021 | 18-Mar-2021 | 25-Mar-2021 |

Notes

Lab. No. 2103PM101-2103PM114 , Location: Minimal Disease Experimental Holding Area (MDA)

Diagnostic Summary

| Test | Colony | Tested | + | +/- | ? | PDG |
|------------------|--------|--------|---|-----|---|-----|
| Pneumocystis PCR | n/d | 14 | 1 | 0 | 0 | 0 |

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

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Test Results

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The University of Hong Kong
U Hong Kong Ctr for Comparative Med
Research

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(CR RADS)
261 Ballardvale Street
Receiving Dock, Bldg 22
Wilmington MA 01887 USA

10A Sassoon Road
Pokfulam, HK 0 Hong Kong

Notes

Lab. No. 2103PM101-2103PM114 , Location: Minimal Disease Experimental Holding Area (MDA)

Molecular Diagnostics: Infectious Disease PCR

Results approved by Muise, Delia on 25 Mar 2021

Assays

| | <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> |
|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------|-------------------|
| | 2103PM101, Rm.118 (NS) | 2103PM102, Rm.118 (NS) | 2103PM103, Rm.118 (NO) | 2103PM104, Rm.118 (NO) | 2103PM105, Rm.118 (Nu) | 2103PM106, Rm.118 (Nu) | 2103PM107, Rm.102 (ELG) | 2103PM108, Rm.102 (ELG) | 2103PM109, Rm.103 | 2103PM110, Rm.103 |
| Pneumocystis PCR | - | - | - | - | - | - | - | - | + | - |

| | <u>11</u> | <u>12</u> | <u>13</u> | <u>14</u> |
|-------------------------|-------------------|-------------------|-------------------|-------------------|
| | 2103PM111, Rm.104 | 2103PM112, Rm.104 | 2103PM113, Rm.105 | 2103PM114, Rm.105 |
| Pneumocystis PCR | - | - | - | - |

Remarks

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Test Results

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261 Ballardvale Street
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Wilmington MA 01887 USA

10A Sassoon Road
Pokfulam, HK 0 Hong Kong

Notes

Lab. No. 2103PM101-2103PM114 , Location: Minimal Disease Experimental Holding Area (MDA)

Sample Information

| Number | Code | Species | Colony | Strain | Age | Sex |
|--------|------------------------------------|---------|--------|--|-----------|--------|
| 1 | 2103PM101, Rm.118 (NSG) | Mouse | n/d | NOD.Cg-Prk dcscidII2rgt m1Wjl/SzJ (NSG) | 5-6 weeks | Male |
| 2 | 2103PM102, Rm.118 (NSG) | Mouse | n/d | NOD.Cg-Prk dcscidII2rgt m1Wjl/SzJ (NSG) | 5-6 weeks | Male |
| 3 | 2103PM103, Rm.118 (NOD SCID) | Mouse | n/d | NOD.CB17- Prkdcscid/J (NOD SCID) | 5-6 weeks | Female |
| 4 | 2103PM104, Rm.118 (NOD SCID) | Mouse | n/d | NOD.CB17- Prkdcscid/J (NOD SCID) | 5-6 weeks | Female |
| 5 | 2103PM105, Rm.118 (Nude/+) | Mouse | n/d | Sentinel/ BALB/cAnN -nu (Nude/+) | 5-6 weeks | Female |
| 6 | 2103PM106, Rm.118 (Nude/+) | Mouse | n/d | Sentinel/ BALB/cAnN -nu (Nude/+) | 5-6 weeks | Female |
| 7 | 2103PM107, Rm.102 (ELG114) | Mouse | n/d | Resident | 5-6 weeks | Male |
| 8 | 2103PM108, Rm.102 (ELG114) | Mouse | n/d | Resident | 5-6 weeks | Male |
| 9 | 2103PM109, Rm.103 | Mouse | n/d | Resident | 5-6 weeks | Male |
| 10 | 2103PM110, Rm.103 | Mouse | n/d | Resident | 5-6 weeks | Female |
| 11 | 2103PM111, Rm.104 | Mouse | n/d | Resident | 5-6 weeks | Male |
| 12 | 2103PM112, Rm.104 | Mouse | n/d | Resident | 5-6 weeks | Female |
| 13 | 2103PM113, Rm.105 | Mouse | n/d | Resident | 5-6 weeks | Male |
| 14 | 2103PM114, Rm.105 | Mouse | n/d | Resident | 5-6 weeks | Male |

Test Results

Order #: **2021013363**

LTM Customer ID: 38307
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10A Sassoon Road
Pokfulam, HK 0 Hong Kong

Billing Information

Payment Method

Purchase Order PO#: 637821

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

Details

Sample(s) from: NULL

Collection Date
23-Feb-2021

Arrival Date
18-Mar-2021

Approval Date
25-Mar-2021

Notes

Lab. No. 2103SHR101, Location: Minimal Disease Experimental Holding Area (MDA)

Diagnostic Summary

| Test | Colony | Tested | + | +/- | ? | PDG |
|---|--------|--------|---|-----|---|-----|
| H. ganmani Helicobacter Screen PCR | n/d | 1 | 1 | 0 | 0 | 0 |
| Helicobacter genus Helicobacter Screen PCR | n/d | 1 | 1 | 0 | 0 | 0 |

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Test Results

Order #: **2021013363**

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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. 2103SHR101, Location: Minimal Disease Experimental Holding Area (MDA)

Molecular Diagnostics: Infectious Disease PCR

Results approved by Muise, Delia on 25 Mar 2021

Helicobacter Screen PCR

| | 1 2103SHR101 Rm.101 |
|---------------------------|----------------------------------|
| <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 2103SHR101 Rm.101 |
|---|----------------------------------|
| <i>Streptobacillus moniliformis</i> PCR | - |

Remarks

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

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

Inconclusive indicates failure of control result.

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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.

Test Results

Order #: **2021013363**

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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Wilmington MA 01887 USA

10A Sassoon Road
Pokfulam, HK 0 Hong Kong

Notes

Lab. No. 2103SHR101, Location: Minimal Disease Experimental Holding Area (MDA)

Sample Information

| Number | Code | Species | Colony | Strain | Age | Sex |
|--------|-----------------------|---------|--------|---|-------|--------|
| 1 | 2103SHR101, Rm.101 | Rat | n/d | Sentinel/ CD(SD)IGS (Sprague Dawley) | Adult | Female |

Test Results

Order #: **2021013359**

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#: Covering Invoice for
#2021013359

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

Details

Sample(s) from: NULL

Collection Date

02-Mar-2021

Arrival Date

18-Mar-2021

Approval Date

05-Apr-2021

Notes

Lab. No. 2103M160 (Interceptor), Location: Minimal Disease Experimental Holding Area (MDA)

Diagnostic Summary

| Test | Colony | Tested | + | +/- | ? | PDG |
|------------------|--------|--------|---|-----|---|-----|
| Astrovirus-1 PCR | n/d | 1 | 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.

Test Results

Order #: **2021013359**

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. 2103M160 (Interceptor), Location: Minimal Disease Experimental Holding Area (MDA)

Molecular Diagnostics: Infectious Disease PCR

Results approved by Peck, DiAnne on 05 Apr 2021

UHK Mouse Quarantine PRIA

| | 1 2103M160, Rm.119 (IVC) |
|--|---------------------------------------|
| HANT (Hantavirus Hantaan) PCR | - |
| Hanta Viruses New World PCR | - |
| LCMV PCR | - |
| LDV PCR | - |
| MAV 1 & 2 PCR | - |
| MCMV PCR | - |
| MHV PCR | - |
| MNV PCR | - |
| Mousepox (Ectromelia) PCR | - |
| Mouse Parvovirus (MPV/MVM) P | - |
| MRV (EDIM) PCR | - |
| MTLV PCR | - |
| POLY PCR | - |
| PVM PCR | - |
| REO PCR | - |
| SEND PCR | - |
| TMEV/GDVII PCR | - |
| Beta Strep Grp A PCR | - |
| Beta Strep Grp B PCR | - |
| Beta Strep Grp C PCR | - |
| Beta Strep Grp G PCR | - |
| B. bronchiseptica PCR | - |
| B. pseudohinzii PCR | - |
| Campylobacter Genus PCR | - |
| CAR Bacillus (F. rodentium) PCR | - |
| C. rodentium PCR | - |
| C. piliforme PCR | - |
| C. bovis PCR | - |
| C. kutscheri PCR | - |
| Helicobacter genus | - |
| H. bilis | - |
| H. hepaticus | - |
| K. oxytoca PCR | - |
| K. pneumoniae PCR | - |
| K Virus PCR | - |
| M. pulmonis PCR | - |

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Molecular Diagnostics: Infectious Disease PCR

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| | 1 2103M160, Rm.119 (IVC) |
|----------------------------------|---------------------------------------|
| <i>R. heylii</i> PCR | - |
| <i>R. pneumotropicus</i> PCR | - |
| <i>P. multocida</i> PCR | - |
| <i>P. mirabilis</i> PCR | - |
| <i>Salmonella</i> Genus 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>Spirochete</i> PCR | - |
| <i>Trichomonas</i> genus PCR | - |

Assays

| | 1 2103M160, Rm.119 (IVC) |
|-------------------------|---------------------------------------|
| <i>Astrovirus-1</i> PCR | + |
| <i>Astrovirus-2</i> PCR | - |

Remarks

Test Results

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- = 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.

Test Results

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Sample Information

| Number | Code | Species | Colony | Strain | Age | Sex |
|--------|---------------------------|---------|--------|--------|-----|-----|
| 1 | 2103M160, Rm.119 (IVC) | Mouse | n/d | | | |