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 Attn: Ms. Lily Lee

Billing Information

Payment Method PO#: 640741 Purchase Order

Details

| Sample(s) from: | NULL | |
|-----------------|------|--|
| Collection Date | | |
| 01-Jun-2021 | | |

Notes

Lab. No. 2106M101-2106M157 and 2106M161-2106M163, Location: Minimal Disease Experimental Holding Area (MDA)

Arrival Date

23-Jun-2021

| Diagnostic Summary | | | | | | | |
|--|--------|--------|----|-----|---|-----|--|
| Test | Colony | Tested | + | +/- | ? | PDG | |
| MFIA MHV UHK MFIA Mouse Selective Profile | n/d | 60 | 3 | 0 | 0 | 0 | |
| MFIA MNV UHK MFIA Mouse Selective Profile | n/d | 60 | 45 | 0 | 0 | 0 | |

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

Approval Date

25-Jun-2021

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.





2021029542 Order #:

Charles River Research Animal Diagnostic Services

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

> 10A Sassoon Road Pokfulam, HK 0 Hong Kong

(CR RADS)

University of Hong Kong

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 Attn: Ms. Lily Lee

Notes

Lab. No. 2106M101-2106M157 and 2106M161-2106M163, Location: Minimal Disease Experimental Holding Area (MDA)

Serology

Results approved by Wunderlich, Janet on 25 Jun 2021

| | <u>1</u> 2106M101, | <u>2</u> 2106M102, | <u>3</u> 2106M103, | <u>4</u> 2106M104, | <u>5</u> 2106M105, | <u>6</u> 2106M106, | <u>7</u> 2106M107, | <u>8</u> 2106M108, | <u>9</u> 2106M109, | <u>10</u> 2106M110, | |
|--------------------|---|----------------------------------|----------------------------------|---|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|--|
| | Rm.102 | Rm.102 | Rm.102 | Rm.103 | Rm.103 | Rm.103 | Rm.104 | Rm.104 | Rm.104 | 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 | Р | Р | Р | Р | Р | Р | Р | Р | Р | Р | |
| | | | | | | | | | | | |
| | <u>11</u> 2106M111, Rm.105 | <u>12</u> 2106M112, Rm.105 | <u>13</u> 2106M113, Rm.106 | <u>14</u> 2106M114, Rm.106 | <u>15</u> 2106M115, Rm.106 | <u>16</u> 2106M116, Rm.107 | <u>17</u> 2106M117, Rm.107 | <u>18</u> 2106M118, Rm.107 | <u>19</u> 2106M119, Rm.108 | <u>20</u> 2106M120, 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) | - | - | - | - | - | - | - | - | - | - | |
| | | | | | | | | | | | |

| | <u>21</u> 2106M121, | <u>22</u> 2106M122, | <u>23</u> 2106M123, | <u>24</u> 2106M124, | <u>25</u> 2106M125, | <u>26</u> 2106M126, | <u>27</u> 2106M127, | <u>28</u> 2106M128, | <u>29</u> 2106M129, | <u>30</u> 2106M130, |
|--------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------|-------------------------------|------------------------|
| | Rm.108 | Rm.109 | Rm.109 | Rm.109 | Rm.110 | Rm.110 | Rm.110 | Rm.111 | Rm.111 | 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 | Р | Р | Р | Р | Р | Р | Р | Р | Р | Р |

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MFIA Anti-Ig



(CR RADS)

261 Ballardvale Street

Receiving Dock, Bldg 22

Wilmington MA 01887 USA

Charles River Research Animal Diagnostic Services

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 Attn: Ms. Lily Lee

Notes

Lab. No. 2106M101-2106M157 and 2106M161-2106M163, Location: Minimal Disease Experimental Holding Area (MDA)

| Serology | | | | | | Results ap | proved by | Wunderlich | n, Janet on | 25 Jun 20 |
|--------------------|---|----------------------------------|----------------------------------|--------------------------------------|--------------------------------------|-------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|------------------------|
| | <u>31</u> 2106M131, Rm.112 | <u>32</u> 2106M132, Rm.112 | <u>33</u> 2106M133, Rm.112 | <u>34</u> 2106M134, Bm 118 (NS | <u>35</u> 2106M135, Bm 118 (NS | | <u>37</u> 2106M137, Bm 118 (NO | <u>38</u> 2106M138, Rm.118 (NO | <u>39</u> 2106M139, Rm 118 (NO | |
| 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> 2106M141, | <u>42</u> 2106M142, | <u>43</u> 2106M143, | <u>44</u> 2106M144, | <u>45</u> 2106M145, | <u>46</u> 2106M146, | <u>47</u> 2106M147, | <u>48</u> 2106M148, | <u>49</u> 2106M149, | <u>50</u> 2106M150 |
| | Rm.118 (Nu | Rm.118 (Nu | Rm.124 | Rm.124 | Rm.124 | Rm.125 | Rm.125 | Rm.125 | Rm.127 | 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 | Р | Р | Р | Р | Р | Р | Р | Р | Р | Р |
| | - | | | | | | | -0 | | |
| | <u>51</u> 2106M151, | <u>52</u> 2106M152, | <u>53</u> 2106M153, | <u>54</u> 2106M154, | <u>55</u> 2106M155, | <u>56</u> 2106M156, | <u>57</u> 2106M157, | <u>58</u> 2106M161, | <u>59</u> 2106M162, | <u>60</u> 2106M163, |
| | Rm.127 | Rm.128 | Rm.128 | Rm.128 | | | | Rm.ELG114 | | |
| MFIA MHV | - | - | - | - | - | - | - | + | + | + |
| MFIA MVM | - | - | - | - | - | - | - | - | - | - |
| MFIA MPV-1 | - | - | - | - | - | - | - | - | - | - |
| MFIA MPV-2 | - | - | - | - | - | - | - | - | - | - |
| MFIA MPV-5 | - | - | - | - | - | - | - | - | - | - |
| MFIA NS-1 | - | - | - | - | - | - | - | - | - | - |
| MFIA MNV | + | - | - | - | - | - | - | + | + | + |
| MFIA GDVII | - | - | - | - | - | - | - | _ | - | - |
| MFIA EDIM (ROTA-A) | | _ | - | - | _ | | - | _ | - | - |

Serology Profile: UHK MFIA Mouse Selective Profile

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Remarks

MFIA Anti-Ig



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



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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 Attn: Ms. Lily Lee

Notes

Lab. No. 2106M101-2106M157 and 2106M161-2106M163, Location: Minimal Disease Experimental Holding Area (MDA)

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).





Order #: 2021029542

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

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

Notes

Lab. No. 2106M101-2106M157 and 2106M161-2106M163, Location: Minimal Disease Experimental Holding Area (MDA)

Sample Information

(CR RADS) 261 Ballardvale Street Receiving Dock, Bldg 22

Charles River Research Animal Diagnostic Services Wilmington MA 01887 USA

| lumber | Code | Species | Colony | Strain | Age | Sex | |
|--------|-----------------------|---------|--------|------------|------------|-----------|--|
| 1 | 2106M101, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | Rm.102 | | | ICR (CD-1) | | | |
| 2 | 2106M102, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | Rm.102 | | | ICR (CD-1) | | | |
| 3 | 2106M103, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | Rm.102 | | | ICR (CD-1) | | | |
| 4 | 2106M104, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | Rm.103 | | | ICR (CD-1) | | | |
| 5 | 2106M105, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | Rm.103 | | | ICR (CD-1) | | | |
| 6 | 2106M106, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | Rm.103 | | | ICR (CD-1) | / toolt | | |
| 7 | 2106M107, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | Rm.104 | | | ICR (CD-1) | , want | , emaio | |
| 8 | 2106M108, | Mouse | n/d | Sentinel/ | Adult | Female | |
| 0 | Rm.104 | medee | n/u | ICR (CD-1) | / tout | 1 officio | |
| 9 | 2106M109, | Mouse | n/d | Sentinel/ | Adult | Female | |
| 0 | 210001109, Rm.104 | Wouse | n/a | ICR (CD-1) | Auuit | T CITIBIC | |
| 10 | 2106M110, | Mouse | n/d | Sentinel/ | Adult | Female | |
| 10 | 2100001110, Rm.105 | Mouse | n/u | ICR (CD-1) | Auun | I emaie | |
| 11 | 2106M111, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | | Mouse | n/u | | Adult | Feilidie | |
| 10 | Rm.105 | Mouse | n/d | ICR (CD-1) | اللاريام ۸ | Female | |
| 12 | 2106M112, | wouse | n/u | Sentinel/ | Adult | remale | |
| 10 | Rm.105 | Mariaa | n/d | ICR (CD-1) | A 1 11 | E | |
| 13 | 2106M113, | Mouse | 1/0 | Sentinel/ | Adult | Female | |
| | Rm.106 | | / 1 | ICR (CD-1) | | | |
| 14 | 2106M114, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | Rm.106 | | | ICR (CD-1) | | | |
| 15 | 2106M115, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | Rm.106 | | | ICR (CD-1) | | | |
| 16 | 2106M116, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | Rm.107 | | | ICR (CD-1) | | | |
| 17 | 2106M117, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | Rm.107 | | | ICR (CD-1) | | | |
| 18 | 2106M118, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | Rm.107 | | | ICR (CD-1) | | | |
| 19 | 2106M119, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | Rm.108 | | | ICR (CD-1) | | | |
| 20 | 2106M120, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | Rm.108 | | | ICR (CD-1) | | | |





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Notes

Lab. No. 2106M101-2106M157 and 2106M161-2106M163, Location: Minimal Disease Experimental Holding Area (MDA)

Sample Information

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

2021029542

Wilmington MA 01887 USA

| lumber | Code | Species | Colony | Strain | Age | Sex | |
|--------|--------------|---------|--------|--------------|-------|--------|--|
| 21 | 2106M121, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | Rm.108 | | | ICR (CD-1) | | | |
| 22 | 2106M122, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | Rm.109 | | | ICR (CD-1) | | | |
| 23 | 2106M123, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | Rm.109 | | | ICR (CD-1) | | | |
| 24 | 2106M124, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | Rm.109 | | | ICR (CD-1) | | | |
| 25 | 2106M125, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | Rm.110 | | | ICR (CD-1) | | | |
| 26 | 2106M126, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | Rm.110 | | | ICR (CD-1) | | | |
| 27 | 2106M127, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | Rm.110 | | | ICR (CD-1) | | | |
| 28 | 2106M128, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | Rm.111 | | | ICR (CD-1) | | | |
| 29 | 2106M129, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | Rm.111 | | | ICR (CD-1) | | | |
| 30 | 2106M130, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | Rm.111 | | | ICR (CD-1) | | | |
| 31 | 2106M131, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | Rm.112 | | | ICR (CD-1) | | | |
| 32 | 2106M132, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | Rm.112 | | | ICR (CD-1) | | | |
| 33 | 2106M133, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | Rm.112 | | | ICR (CD-1) | | | |
| 34 | 2106M134, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | Rm.118 (NSG) | | | BALB/cAnN | | | |
| | · · · · | | | -nu (Nude/+) | | | |
| 35 | 2106M135, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | Rm.118 (NSG) | | | BALB/cAnN | | | |
| | | | | -nu (Nude/+) | | | |
| 36 | 2106M136, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | Rm.118 (NSG) | | | BALB/cAnN | | | |
| | | | | -nu (Nude/+) | | | |
| 37 | 2106M137, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | Rm.118 (NOD | | | BALB/cAnN | | | |
| | SCID) | | | -nu (Nude/+) | | | |
| 38 | 2106M138, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | Rm.118 (NOD | | | BALB/cAnN | | - | |
| | SCID) | | | -nu (Nude/+) | | | |
| | | | | | | | |





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Notes

Lab. No. 2106M101-2106M157 and 2106M161-2106M163, Location: Minimal Disease Experimental Holding Area (MDA)

Sample Information

| lumber | Code | Species | Colony | Strain | Age | Sex | |
|--------|--------------|---------|--------|--------------|-------|--------|--|
| 39 | 2106M139, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | Rm.118 (NOD | | | BALB/cAnN | | | |
| | SCID) | | | -nu (Nude/+) | | | |
| 40 | 2106M140, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | Rm.118 (Nude | | | BALB/cAnN | | | |
| | /+) | | | -nu (Nude/+) | | | |
| 41 | 2106M141, | Mouse | n/d | | Adult | Female | |
| | Rm.118 (Nude | | | BALB/cAnN | | | |
| | /+) | | | -nu (Nude/+) | | | |
| 42 | 2106M142, | Mouse | n/d | · · · · | Adult | Female | |
| | Rm.118 (Nude | | | BALB/cAnN | | | |
| | /+) | | | -nu (Nude/+) | | | |
| 43 | 2106M143, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | Rm.124 | | | ICR (CD-1) | | | |
| 44 | 2106M144, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | Rm.124 | | | ICR (CD-1) | | | |
| 45 | 2106M145, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | Rm.124 | | | ICR (CD-1) | | | |
| 46 | 2106M146, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | Rm.125 | | | ICR (CD-1) | | | |
| 47 | 2106M147, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | Rm.125 | | | ICR (CD-1) | | | |
| 48 | 2106M148, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | Rm.125 | | | ICR (CD-1) | | | |
| 49 | 2106M149, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | Rm.127 | | | ICR (CD-1) | | | |
| 50 | 2106M150, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | Rm.127 | | | ICR (CD-1) | | | |
| 51 | 2106M151, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | Rm.127 | | | ICR (CD-1) | | | |
| 52 | 2106M152, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | Rm.128 | | | New ICR | | | |
| | | | | (CD-1) | | | |
| 53 | 2106M153, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | Rm.128 | | | New ICR | | | |
| | | | | (CD-1) | | | |
| 54 | 2106M154, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | Rm.128 | | | New ICR | | | |
| | | | | (CD-1) | | | |





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



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

Notes

Lab. No. 2106M101-2106M157 and 2106M161-2106M163, Location: Minimal Disease Experimental Holding Area (MDA)

Sample Information

Wilmington MA 01887 USA

| umber | Code | Species | Colony | Strain | Age | Sex | |
|-------|----------------|---------|--------|------------|-------|--------|--|
| 55 | 2106M155, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | Rm.128 (clean) | | | New ICR | | | |
| | | | | (CD-1) | | | |
| 56 | 2106M156, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | Rm.128 (clean) | | | New ICR | | | |
| | | | | (CD-1) | | | |
| 57 | 2106M157, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | Rm.128 (clean) | | | New ICR | | | |
| | | | | (CD-1) | | | |
| 58 | 2106M161, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | Rm.ELG114 | | | ICR (CD-1) | | | |
| 59 | 2106M162, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | Rm.ELG114 | | | ICR (CD-1) | | | |
| 60 | 2106M163, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | Rm.ELG114 | | | ICR (CD-1) | | | |



(CR RADS)

261 Ballardvale Street

Receiving Dock, Bldg 22

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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 Attn: Ms. Lily Lee

Billing Information

 Payment Method
 University of Hong Kong

 Purchase Order
 PO#: 640741
 10A Sassoon Road

 Pokfulam, HK 0 Hong Kong
 Pokfulam, HK 0 Hong Kong

Details

| Sample(s) from: | NULL | |
|-----------------|------|--|
| Collection Date | | |
| 27-May-2021 | | |

Notes

Lab. No. 2106R101-2106R103, Location: Minimal Disease Experimental Holding Area – (MDA)

Arrival Date

23-Jun-2021

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

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

Approval Date

29-Jun-2021

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.





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

Charles River Research Animal Diagnostic Services

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 Attn: Ms. Lily Lee

Notes

Lab. No. 2106R101-2106R103, Location: Minimal Disease Experimental Holding Area - (MDA)

Serology

| | <u>1</u> 2106R101, | <u>2</u> 2106R102, | <u>3</u> 2106R103, |
|------------------------------|------------------------------|-----------------------|-----------------------|
| | Rm.101 | Rm.101 | 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 RPyV2 (Rat Polyomavirus | - | - | - |
| MFIA Anti-Ig | Р | Р | Р |
| 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).



Order #: 2021030233

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

Results approved by Wunderlich, Janet on 29 Jun 2021



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 Attn: Ms. Lily Lee

Notes

Lab. No. 2106R101-2106R103, Location: Minimal Disease Experimental Holding Area - (MDA)

Sample Information

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

| lumber | Code | Species | Colony | Strain | Age | Sex | |
|--------|-----------|---------|--------|-----------|-------|--------|--|
| 1 | 2106R101, | Rat | n/d | Sentinel/ | Adult | Female | |
| | Rm.101 | | | CD(SD)IGS | | | |
| | | | | (Sprague | | | |
| | | | | Dawley) | | | |
| 2 | 2106R102, | Rat | n/d | Sentinel/ | Adult | Female | |
| | Rm.101 | | | CD(SD)IGS | | | |
| | | | | (Sprague | | | |
| | | | | Dawley) | | | |
| 3 | 2106R103, | Rat | n/d | Sentinel/ | Adult | Female | |
| | Rm.101 | | | CD(SD)IGS | | | |
| | | | | (Sprague | | | |
| | | | | Dawley) | | | |





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

Billing Information

Payment Method Purchase Order PO#: 640741

Details

Sample(s) from: NULL

| Collection Date | Arrival Date | Approval Date |
|-----------------|--------------|---------------|
| 01-Jun-2021 | 23-Jun-2021 | 02-Jul-2021 |

Notes

Lab. No. 2106HM107, HM110, HM113, HM128 & HM140, Location: Minimal Disease Experimental Holding Area - (MDA)

| Diagnostic S | Summary |
|--------------|---------|
|--------------|---------|

| Test | Colony | Tested | + | +/- | ? | PDG |
|---|--------|--------|---|-----|---|-----|
| Astrovirus-1 PCR | n/d | 4 | 4 | 0 | 0 | 0 |
| H. ganmani Helicobacter Screen PCR | n/d | 5 | 3 | 0 | 0 | 0 |
| H. hepaticus Helicobacter Screen PCR | n/d | 5 | 4 | 0 | 0 | 0 |
| H. mastomyrinus Helicobacter Screen PCR | n/d | 5 | 3 | 0 | 0 | 0 |
| H. typhlonius Helicobacter Screen PCR | n/d | 5 | 4 | 0 | 0 | 0 |
| Helicobacter genus Helicobacter Screen PCR | n/d | 5 | 4 | 0 | 0 | 0 |

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

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Order #: 2021030235

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

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



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

Notes

Lab. No. 2106HM107, HM110, HM113, HM128 & HM140, Location: Minimal Disease Experimental Holding Area - (MDA)

Molecular Diagnostics: Infectious Disease PCR

| | <u>1</u> 2106НМ107, | <u>2</u> 2106HM110, | <u>3</u> 2106HM113, | <u>4</u> 2106HM128, | <u>5</u> 2106HM140, |
|--------------------|------------------------|-------------------------------|------------------------|------------------------|------------------------|
| | Rm.104 | Rm.105 | Rm.106 | Rm.111 | Rm.118 |
| Helicobacter genus | + | + | + | + | - |
| H. bilis | - | - | - | - | - |
| H. ganmani | + | - | + | + | - |
| H. hepaticus | + | + | + | + | - |
| H. mastomyrinus | - | + | + | + | - |
| H. rodentium | - | - | - | - | - |
| H. typhlonius | + | + | + | + | - |

Helicobacter Screen PCR

Assays

| | <u>1</u> 2106HM107, | <u>2</u> 2106HM110, | <u>3</u> 2106HM113, | <u>4</u> 2106HM128, |
|------------------|------------------------|------------------------|------------------------|-------------------------------|
| | Rm.104 | Rm.105 | Rm.106 | Rm.111 |
| Astrovirus-1 PCR | + | + | + | + |
| Astrovirus-2 PCR | - | - | - | - |

Remarks

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

An equivocal result indicates inconsistent amplification detected by real-time PCR. Inconclusive indicates failure of control result.

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

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

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





Order #: 2021030235

Results approved by Muise, Delia on 02 Jul 2021

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

Order #: 2021030235

(CR RADS)

261 Ballardvale Street

Receiving Dock, Bldg 22

Wilmington MA 01887 USA

Charles River Research Animal Diagnostic Services

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

Notes

Lab. No. 2106HM107, HM110, HM113, HM128 & HM140, Location: Minimal Disease Experimental Holding Area - (MDA)

Sample Information

| Number | Code | Species | Colony | Strain | Age | Sex |
|--------|----------------------|---------|--------|----------|-----|-----|
| 1 | 2106HM107, Rm.104 | Mouse | n/d | Resident | | |
| 2 | 2106HM110, Rm.105 | Mouse | n/d | Resident | | |
| 3 | 2106HM113, Rm.106 | Mouse | n/d | Resident | | |
| 4 | 2106HM128, Rm.111 | Mouse | n/d | Resident | | |
| 5 | 2106HM140, Rm.118 | Mouse | n/d | Resident | | |





LTM Customer ID: 38307 Charles River Research Animal Diagnostic Services (CR RADS) The University of Hong Kong 261 Ballardvale Street U Hong Kong Ctr for Comparative Med Receiving Dock, Bldg 22 Research Wilmington MA 01887 USA 10A Sassoon Road Pokfulam, HK 0 Hong Kong **Billing Information** Payment Method University of Hong Kong 10A Sassoon Road Purchase Order PO#: 640741 Pokfulam, HK 0 Hong Kong Details Sample(s) from: NULL Collection Date Arrival Date Approval Date 01-Jun-2021 23-Jun-2021 02-Jul-2021 Notes Lab. No. 2106SM107, SM110, SM113, SM128 & SM140, Location: Minimal Disease Experimental Holding Area (MDA) **Diagnostic Summary** Test Tested ? PDG Colony +/-+

All results NEGATIVE

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

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

Order #: 2021030237

TTM tory Testing Management



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

Notes

Lab. No. 2106SM107, SM110, SM113, SM128 & SM140, Location: Minimal Disease Experimental Holding Area (MDA)

Molecular Diagnostics: Infectious Disease PCR

Assays

| | <u>1</u> | <u>2</u> | <u>3</u> | <u>4</u> | <u>5</u> |
|----------------------------------|------------|------------|------------|------------|------------|
| | 2106SM107, | 2106SM110, | 2106SM113, | 2106SM128, | 2106SM140, |
| | Rm.104 | Rm.105 | Rm.106 | Rm.111 | Rm.118 (Nu |
| Streptobacillus moniliformis 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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Order #: 2021030237

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

Results approved by Peck, DiAnne on 02 Jul 2021



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

Notes

Lab. No. 2106SM107, SM110, SM113, SM128 & SM140, Location: Minimal Disease Experimental Holding Area (MDA)

Sample Information

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

| Number | Code | Species | Colony | Strain | Age | Sex | |
|--------|------------|---------|--------|--------------|-------|--------|--|
| 1 | 2106SM107, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | Rm.104 | | | ICR (CD-1) | | | |
| 2 | 2106SM110, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | Rm.105 | | | ICR (CD-1) | | | |
| 3 | 2106SM113, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | Rm.106 | | | ICR (CD-1) | | | |
| 4 | 2106SM128, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | Rm.111 | | | ICR (CD-1) | | | |
| 5 | 2106SM140, | Mouse | n/d | Sentinel/ | Adult | Female | |
| | Rm.118 | | | BALB/cAnN | | | |
| | (Nude/+) | | | -nu (Nude/+) | | | |





Test Results 2021030241 Order #: LTM Customer ID: 38307 Charles River Research Animal Diagnostic Services (CR RADS) The University of Hong Kong 261 Ballardvale Street U Hong Kong Ctr for Comparative Med Receiving Dock, Bldg 22 Research Wilmington MA 01887 USA 10A Sassoon Road Pokfulam, HK 0 Hong Kong **Billing Information** Payment Method University of Hong Kong 10A Sassoon Road Purchase Order PO#: 640741 Pokfulam, HK 0 Hong Kong Details NULL Sample(s) from: Collection Date Arrival Date Approval Date 23-Jun-2021 30-Jun-2021 27-May-2021 Notes Lab. No. 2106PM101-2106PM116 , Location: Minimal Disease Experimental Holding Area (MDA) Diagnostic Summarv

| Test | Colony | Tested | + | +/- | ? | PDG |
|------------------|--------|--------|---|-----|---|-----|
| Pneumocystis PCR | n/d | 16 | 1 | 0 | 0 | 0 |

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

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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

Notes

Lab. No. 2106PM101-2106PM116 , Location: Minimal Disease Experimental Holding Area (MDA)

Molecular Diagnostics: Infectious Disease PCR

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

Order #:

2021030241

Results approved by Peck, DiAnne on 30 Jun 2021

Assays

| | 1 | <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> |
|------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| | 2106PM101, | 2106PM102, | 2106PM103, | 2106PM104, | 2106PM105, | 2106PM106, | 2106PM107, | 2106PM108, | 2106PM109, | 2106PM110, |
| | Rm.118 (NS | Rm.118 (NS | Rm.118 (NO | Rm.118 (NO | Rm.118 (Nu | Rm.118 (Nu | Rm.106 | Rm.106 | Rm.107 | Rm.107 |
| Pneumocystis PCR | - | - | - | - | - | - | - | - | - | - |

| | <u>11</u> | <u>12</u> | <u>13</u> | <u>14</u> | <u>15</u> | <u>16</u> |
|------------------|------------|------------|------------|------------|------------|------------|
| | 2106PM111, | 2106PM112, | 2106PM113, | 2106PM114, | 2106PM115, | 2106PM116, |
| | Rm.103 | Rm.103 | Rm.102 | Rm.102 | Rm.ELG114 | Rm.ELG114 |
| Pneumocystis PCR | - | - | + | - | - | - |

Remarks

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Inconclusive indicates failure of control result.

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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

Notes

Lab. No. 2106PM101-2106PM116 , Location: Minimal Disease Experimental Holding Area (MDA)

Sample Information

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

| lumber | Code | Species | Colony | Strain | Age | Sex |
|--------|------------------------------------|---------|--------|--|-----------|--------|
| 1 | 2106PM101, Rm.118 (NSG) | Mouse | n/d | NOD.Cg-Prk dcscidll2rgt m1Wjl/SzJ (NSG) | 5-6 weeks | Male |
| 2 | 2106PM102, Rm.118 (NSG) | Mouse | n/d | NOD.Cg-Prk dcscidll2rgt m1Wjl/SzJ (NSG) | 5-6 weeks | Male |
| 3 | 2106PM103, Rm.118 (NOD SCID) | Mouse | n/d | NOD.CB17- Prkdcscid/J (NOD SCID) | 5-6 weeks | Female |
| | 2106PM104, Rm.118 (NOD SCID) | Mouse | n/d | NOD.CB17- Prkdcscid/J (NOD SCID) | 5-6 weeks | Female |
| 5 | 2106PM105, Rm.118 (Nude/+) | Mouse | n/d | Sentinel/ BALB/cAnN nu (Nude/+) | 5-6 weeks | Female |
| 6 | 2106PM106, Rm.118 (Nude/+) | Mouse | n/d | Sentinel/ BALB/cAnN nu (Nude/+) | 5-6 weeks | Male |
| 7 | 2106PM107, Rm.106 | Mouse | n/d | Resident | 5-6 weeks | Male |
| 8 | 2106PM108, Rm.106 | Mouse | n/d | Resident | 5-6 weeks | Female |
| 9 | 2106PM109, Rm.107 | Mouse | n/d | Resident | 5-6 weeks | Female |
| 10 | 2106PM110, Rm.107 | Mouse | n/d | Resident | 5-6 weeks | Male |
| 11 | 2106PM111, Rm.103 | Mouse | n/d | Resident | 5-6 weeks | Male |
| 12 | 2106PM112, Rm.103 | Mouse | n/d | Resident | 5-6 weeks | Male |
| 13 | 2106PM113, Rm.102 | Mouse | n/d | Resident | 5-6 weeks | Female |
| 14 | 2106PM114, Rm.102 | Mouse | n/d | Resident | 5-6 weeks | Male |
| 15 | 2106PM115, Rm.ELG114 | Mouse | n/d | Resident | 5-6 weeks | Female |
| 16 | 2106PM116, Rm.ELG114 | Mouse | n/d | Resident | 5-6 weeks | Female |





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

Billing Information

Payment Method Purchase Order PO#: 640741

Details

Sample(s) from: NULL

Collection Date 02-Jun-2021

Arrival Date 23-Jun-2021

Notes

Tender No. T20000477, (Quarantine PCR Profile), Lab. No. 2106M160 (Interceptor), Location: Minimal Disease Experimental Holding Area (MDA)

| Diagnostic | Summary |
|------------|---------|
|------------|---------|

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

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

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LTM Laboratory Testing Management



Order #: 2021030245

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

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

Approval Date 09-Jul-2021

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

Notes

Tender No. T20000477, (Quarantine PCR Profile), Lab. No. 2106M160 (Interceptor), Location: Minimal Disease Experimental Holding Area (MDA)

UHK Mouse Quarantine PRIA

Molecular Diagnostics: Infectious Disease PCR

| H. hepaticus - K. oxytoca PCR - K. pneumoniae PCR - | | |
|--|-------------------------------|---------------|
| Rm.119 (IVCHANT (Hantavirus Hantaan) PCR-Hanta Viruses New World PCR-LCMV PCR-LDV PCR-MAV 1 & 2 PCR-MCMV PCR-MNV PCR1Mousepox (Ectromelia) PCR-Mouse Parvovirus (MPV/MVM) P-MRV (EDIM) PCR-POLY PCR-POLY PCR-PVM 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-C. rodentium PCR-C. rodentium PCR-C. rodentium PCR-C. bovis PCR-Helicobacter genus-H. bilis-H. hepaticus-K. oxytoca PCR-K. pneumoniae PCR- | | |
| HANT (Hantavirus Hantaan) PCR-Hanta Viruses New World PCR-LCMV PCR-LDV PCR-MAV 1 & 2 PCR-MCMV PCR-MHV PCR1Mousepox (Ectromelia) PCR-Mouse Parvovirus (MPV/MVM) P-MRV (EDIM) PCR-POLY PCR-POLY PCR-PVM PCR-Beta Strep Grp A PCR-Beta Strep Grp G PCR-Beta Strep Grp G PCR-Beta Strep Grp G PCR-B. bronchiseptica PCR-B. pseudohinzii PCR-C. rodentium PCR-C. rodentium PCR-C. piliforme PCR-C. bovis PCR-C. kutscheri PCR-Helicobacter genus-H. hepaticus-K. oxytoca PCR-K. pneumoniae PCR- <th></th> <th></th> | | |
| Hanta Viruses New World PCRLCMV PCR-LDV PCR-MAV 1 & 2 PCR-MAV 1 & 2 PCR-MCMV PCR-MHV PCR1Mousepox (Ectromelia) PCR-Mouse Parvovirus (MPV/MVM) P-MRV (EDIM) PCR-POLY PCR-POLY PCR-PVM PCR-Beta Strep Grp A PCR-Beta Strep Grp B PCR-Beta Strep Grp G PCR-Beta Strep Grp G PCR-B. bronchiseptica PCR-B. pseudohinzii PCR-C. rodentium PCR-C. piliforme PCR-C. kutscheri PCR-Helicobacter genus-H. bilis-H. hepaticus-K. oxytoca PCR-K. pneumoniae PCR- | HANT (Hantavirus Hantaan) BCB | 1111.119 (100 |
| LCMV PCR-LDV PCR-MAV 1 & 2 PCR-MCMV PCR-MHV PCR-MNV PCRIMousepox (Ectromelia) PCR-Mouse Parvovirus (MPV/MVM) P-MRV (EDIM) PCR-MTLV PCR-POLY PCR-PVM PCR-REO PCR-SEND PCR-Beta Strep Grp A PCR-Beta Strep Grp C PCR-Beta Strep Grp G PCR-B. bronchiseptica PCR-B. pseudohinzii PCR-C. rodentium PCR-C. rodentium PCR-C. bovis PCR-C. kutscheri PCR-Helicobacter genus-H. hepaticus-K. oxytoca PCR-K. pneumoniae PCR- | , , , | - |
| LDV PCR-MAV 1 & 2 PCR-MCMV PCR-MHV PCR-MNV PCRIMousepox (Ectromelia) PCR-Mouse Parvovirus (MPV/MVM) P-MRV (EDIM) PCR-POLY PCR-POLY PCR-PVM PCR-REO PCR-SEND PCR-Beta Strep Grp A PCR-Beta Strep Grp C PCR-Beta Strep Grp G PCR-Beta Strep Grp G PCR-B. bronchiseptica PCR-B. pseudohinzii PCR-C. rodentium PCR-C. rodentium PCR-C. bovis PCR-C. kutscheri PCR-Helicobacter genus-H. hepaticus-K. oxytoca PCR-K. pneumoniae PCR-K. pneumoniae PCR-K. pneumoniae PCR- | | - |
| MAV 1 & 2 PCR-MCMV PCR-MHV PCR-MNV PCR1Mousepox (Ectromelia) PCR-Mouse Parvovirus (MPV/MVM) P-MRV (EDIM) PCR-MTLV PCR-POLY PCR-PVM PCR-REO PCR-SEND PCR-Beta Strep Grp A PCR-Beta Strep Grp B PCR-Beta Strep Grp C PCR-Beta Strep Grp C PCR-Beta Strep Grp C PCR-Conchiseptica PCR-Campylobacter Genus PCR-C. rodentium PCR-C. piliforme PCR-C. kutscheri PCR-Helicobacter genus-H. bilis-H. bilis-K. oxytoca PCR-K. pneumoniae PCR-K. pneumoniae PCR-K. pneumoniae PCR- | | - |
| MCMV PCR-MHV PCR-MNV PCRIMousepox (Ectromelia) PCR-Mouse Parvovirus (MPV/MVM) P-MRV (EDIM) PCR-MTLV PCR-POLY PCR-PVM PCR-REO PCR-SEND PCR-Beta Strep Grp A PCR-Beta Strep Grp C PCR-Beta Strep Grp G PCR-Beta Strep Grp C PCR-Beta Strep Grp C PCR-Conchiseptica PCR-C. rodentium PCR-C. rodentium PCR-C. bovis PCR-C. kutscheri PCR-Helicobacter genus-H. bilis-H. hepaticus-K. oxytoca PCR-K. pneumoniae PCR- </th <th></th> <th>-</th> | | - |
| MHV PCR-MNV PCRIMousepox (Ectromelia) PCR-Mouse Parvovirus (MPV/MVM) P-MRV (EDIM) PCR-MRV (EDIM) PCR-POLY PCR-POLY PCR-PVM PCR-SEND PCR-SEND PCR-Beta Strep Grp A PCR-Beta Strep Grp B PCR-Beta Strep Grp C PCR-Beta Strep Grp C PCR-Beta Strep Grp C PCR-Campylobacter Genus PCR-C. rodentium PCR-C. piliforme PCR-C. kutscheri PCR-Helicobacter genus-H. bilis-H. hepaticus-K. oxytoca PCR-K. pneumoniae PCR- | | - |
| MNV PCRIMousepox (Ectromelia) PCR-Mouse Parvovirus (MPV/MVM) P-MRV (EDIM) PCR-MTLV PCR-POLY PCR-PVM PCR-REO PCR-SEND PCR-SEND PCR-Beta Strep Grp A PCR-Beta Strep Grp C PCR-Beta Strep Grp C PCR-Beta Strep Grp C PCR-Beta Strep Grp C PCR-Campylobacter Genus PCR-C. rodentium PCR-C. piliforme PCR-C. bovis PCR-C. kutscheri PCR-Helicobacter genus-H. hepaticus-K. oxytoca PCR-K. pneumoniae PCR-K. pneumoniae PCR-K. pneumoniae PCR- | | - |
| Mousepox (Ectromelia) PCRMouse Parvovirus (MPV/MVM) PMRV (EDIM) PCRMRV (EDIM) PCRMTLV PCRPOLY PCRPOLY PCRPVM PCRREO PCRSEND PCRBeta Strep Grp A PCRBeta Strep Grp B PCRBeta Strep Grp G PCRB. bronchiseptica PCRB. pseudohinzii PCRC. rodentium PCRC. rodentium PCRC. piliforme PCRC. kutscheri PCRHelicobacter genusH. bilisH. hepaticusK. oxytoca PCRK. pneumoniae PCR-K. pneumoniae PCR-K. pneumoniae PCR | | - |
| Mouse Parvovirus (MPV/MVM) PMRV (EDIM) PCRMTLV PCRPOLY PCRPOLY PCRPVM PCRREO PCRSEND PCRSEND PCRBeta Strep Grp A PCRBeta Strep Grp C PCRBeta Strep Grp G PCRBeta Strep Grp G PCRB. bronchiseptica PCRB. pseudohinzii PCRCampylobacter Genus PCRC. rodentium PCRC. piliforme PCRC. bovis PCRC. kutscheri PCRHelicobacter genusH. hepaticusK. oxytoca PCRK. pneumoniae PCR-K. pneumoniae PCR | | I |
| MRV (EDIM) PCR-MTLV PCR-POLY PCR-PVM PCR-REO PCR-SEND PCR-Beta Strep Grp A PCR-Beta Strep Grp B PCR-Beta Strep Grp C PCR-Beta Strep Grp G PCR-Beta Strep Grp C PCR-Beta Strep Grp C PCR-Campylobacter Genus PCR-C. rodentium PCR-C. piliforme PCR-C. kutscheri PCR-Helicobacter genus-H. bilis-H. hepaticus-K. oxytoca PCR-K. pneumoniae PCR- | · · · | - |
| MTLV PCR-POLY PCR-PVM PCR-REO PCR-SEND PCR-SEND 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-C. rodentium PCR-C. piliforme PCR-C. kutscheri PCR-Helicobacter genus-H. bilis-H. hepaticus-K. oxytoca PCR-K. pneumoniae PCR- | , , | - |
| POLY PCR-PVM PCR-REO PCR-SEND PCR-SEND 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-C. rodentium PCR-C. piliforme PCR-C. bovis PCR-C. kutscheri PCR-Helicobacter genus-H. bilis-H. hepaticus-K. oxytoca PCR-K. pneumoniae 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-C. rodentium PCR-C. piliforme PCR-C. bovis PCR-C. kutscheri PCR-Helicobacter genus-H. bilis-H. hepaticus-K. oxytoca PCR-K. pneumoniae 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-C. rodentium PCR-C. rodentium PCR-C. bovis PCR-C. kutscheri PCR-C. kutscheri PCR-Helicobacter genus-H. bilis-H. hepaticus-K. oxytoca PCR-K. pneumoniae 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-Beta Strep Grp G PCR-B. bronchiseptica PCR-Campylobacter Genus PCR-CAR Bacillus (F. rodentium) PCR-C. rodentium PCR-C. piliforme PCR-C. bovis PCR-C. kutscheri PCR-Helicobacter genus-H. hepaticus-K. oxytoca PCR-K. pneumoniae PCR- | | - |
| TMEV/GDVII PCR-Beta Strep Grp A PCR-Beta Strep Grp B PCR-Beta Strep Grp C PCR-Beta Strep Grp G PCR-Beta Strep Grp G PCR-B. bronchiseptica PCR-Campylobacter Genus PCR-CAR Bacillus (F. rodentium) PCR-C. rodentium PCR-C. piliforme PCR-C. kutscheri PCR-C. kutscheri PCR-Helicobacter genus-H. hepaticus-K. oxytoca PCR-K. pneumoniae PCR- | | - |
| Beta Strep Grp A PCR-Beta Strep Grp B PCR-Beta Strep Grp C PCR-Beta Strep Grp G PCR-Beta Strep Grp G PCR-B. bronchiseptica PCR-B. pseudohinzii PCR-Campylobacter Genus PCR-C. rodentium PCR-C. rodentium PCR-C. bovis PCR-C. kutscheri PCR-C. kutscheri PCR-Helicobacter genus-H. bilis-H. hepaticus-K. oxytoca PCR-K. pneumoniae 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- | | - |
| 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. rodentium PCR-C. piliforme PCR-C. bovis PCR-C. kutscheri PCR-Helicobacter genus-H. bilis-H. hepaticus-K. oxytoca PCR-K. pneumoniae PCR- | | - |
| Beta Strep Grp G PCR-B. bronchiseptica PCR-B. pseudohinzii PCR-Campylobacter Genus PCR-CAR Bacillus (F. rodentium) PCR-C. 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- | · · · | - |
| B. bronchiseptica PCR-B. pseudohinzii PCR-Campylobacter Genus PCR-CAR Bacillus (F. rodentium) PCR-C. 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- | · · · | - |
| 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 - | · · · | - |
| Campylobacter Genus PCRCAR Bacillus (F. rodentium) PCRC. rodentium PCRC. rodentium PCRC. piliforme PCRC. bovis PCRC. kutscheri PCRHelicobacter genusH. bilisH. hepaticusK. oxytoca PCRK. pneumoniae PCR | · | - |
| CAR Bacillus (F. rodentium) PCRC. rodentium PCRC. rodentium PCRC. piliforme PCRC. bovis PCRC. kutscheri PCRHelicobacter genusH. bilisH. hepaticusK. oxytoca PCRK. pneumoniae 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 - | | - |
| C. piliforme PCR - C. bovis PCR - C. kutscheri PCR - Helicobacter genus - H. bilis - H. hepaticus - K. oxytoca PCR - K. pneumoniae PCR - | · · · · · · | - |
| C. bovis PCR - C. kutscheri PCR - Helicobacter genus - H. bilis - H. hepaticus - K. oxytoca PCR - K. pneumoniae PCR - | | - |
| C. kutscheri PCR - Helicobacter genus - H. bilis - H. hepaticus - K. oxytoca PCR - K. pneumoniae PCR - | • | - |
| Helicobacter genus-H. bilis-H. hepaticus-K. oxytoca PCR-K. pneumoniae PCR- | | - |
| H. bilis - H. hepaticus - K. oxytoca PCR - K. pneumoniae PCR - | | - |
| H. hepaticus - K. oxytoca PCR - K. pneumoniae PCR - | | - |
| K. oxytoca PCR | H. bilis | - |
| K. pneumoniae PCR - | H. hepaticus | - |
| • | K. oxytoca PCR | - |
| | K. pneumoniae PCR | - |
| K Virus PCR - | K Virus PCR | - |



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

Results approved by Muise, Delia on 09 Jul 2021



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

Notes

Tender No. T20000477, (Quarantine PCR Profile), Lab. No. 2106M160 (Interceptor), Location: Minimal Disease Experimental Holding Area (MDA)

Molecular Diagnostics: Infectious Disease PCR

| | <u>1</u> |
|---------------------------|-------------|
| | 2106M160, |
| | Rm.119 (IVC |
| M. pulmonis PCR | - |
| R. heylii PCR | - |
| R. pneumotropicus PCR | - |
| P. multocida PCR | - |
| P. mirabilis PCR | - |
| Salmonella Genus PCR | - |
| Ps. aeruginosa PCR | - |
| S. aureus PCR | - |
| S. moniliformis PCR | - |
| S. pneumoniae PCR | - |
| Toxoplasma gondii PCR | - |
| Y. enterocolitica PCR | - |
| Y. pseudotuberculosis PCR | - |
| Cryptosporidium PCR | - |
| Demodex PCR | - |
| Giardia PCR | - |
| E. cuniculi PCR | - |
| Entamoeba PCR | - |
| Mite PCR | - |
| Pinworm PCR | - |
| Pneumocystis PCR | - |
| Spironucleus muris PCR | - |
| Tritrichomonas genus PCR | - |
| Astrovirus-1 PCR | 1 |
| Astrovirus-2 PCR | - |

Remarks

Order #: 2021030245

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Notes

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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.

Sample(s)on this report with the result appearing as Inconclusive "I" failed the NRC/Inhibition Control for that assay, despite efforts to dilute or re-extract. A gratis re-submission may be done on the affected sample for the agent in question.



Order #: 2021030245

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





Order #: 2021030245

(CR RADS)

261 Ballardvale Street

Receiving Dock, Bldg 22

Wilmington MA 01887 USA

Charles River Research Animal Diagnostic Services

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

Notes

Tender No. T20000477, (Quarantine PCR Profile), Lab. No. 2106M160 (Interceptor), Location: Minimal Disease Experimental Holding Area (MDA)

Sample Information

| Number | Code | Species | Colony | Strain | Age | Sex |
|--------|--------------|---------|--------|--------|-----|-----|
| | 2106M160, | Mouse | n/d | | | |
| | Rm.119 (IVC) | | | | | |



