# Test Results

**Order #: 2024031020**

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

10A Sassoon Road
Pokfulam, HK 0 Hong Kong

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

## Billing Information

*Payment Method*

Purchase Order — PO#: Covering Invoice for #2024031020

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

## Details

***Sample(s) from:*** NULL

| *Collection Date* | *Arrival Date* | *Approval Date* |
|---|---|---|
| 28-May-2024 | 21-Jun-2024 | 01-Jul-2024 |

***Notes***

Lab No. 2406F27-F29, Location: L6-13, Zebrafish Core Facility, Laboratory Block, Li Ka Shing Faculty of Medicine

## Diagnostic Summary

| *Test* | *Colony* | **Tested** | **+** | **+/-** | **?** | **PDG** |
|---|---|---|---|---|---|---|
| Mycobacterium abscessus PCR<br>UHK Zebrafish Surveillance Plus PCR Panel | n/d | 3 | **2** | 0 | 0 | 0 |
| Mycobacterium chelonae PCR<br>UHK Zebrafish Surveillance Plus PCR Panel | n/d | 3 | **1** | 0 | 0 | 0 |
| Zebrafish picornavirus<br>UHK Zebrafish Surveillance Plus PCR Panel | n/d | 3 | **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 #: 2024031020**

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

10A Sassoon Road
Pokfulam, HK 0 Hong Kong

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

***Notes***

Lab No. 2406F27-F29, Location: L6-13, Zebrafish Core Facility, Laboratory Block, Li Ka Shing Faculty of Medicine

## *Molecular Diagnostics: Infectious Disease PCR*

Results approved by Magan, Kyria on 01 Jul 2024

### *UHK Zebrafish Surveillance Plus PCR Panel*

| | 1<br>2406F27, Rm.L6-13 (Pre-filtration fish) | 2<br>2406F28, Rm.L6-13 (Post-filtration fish) | 3<br>2406F29, Rm.L6-13 |
|---|---|---|---|
| ***Aeromonas hydrophila PCR*** | - | - | - |
| ***Edwardsiella ictaluri PCR*** | - | - | - |
| ***Flavobacterium columnare PCR*** | - | - | - |
| ***Ichthyopthirius multifiliis PCR*** | - | - | - |
| ***Infectious pancreatic necrosis virus (IPNV) PCR*** | - | - | - |
| ***Infectious spleen and kidney necrosis virus -ISKNV*** | - | - | - |
| ***Mycobacterium abscessus PCR*** | - | + | + |
| ***Mycobacterium chelonae PCR*** | - | - | + |
| ***Mycobacterium fortuitum PCR*** | - | - | - |
| ***Mycobacterium gordonae*** | - | - | - |
| ***Mycobacterium haemophilum PCR*** | - | - | - |
| ***Mycobacterium marinum PCR*** | - | - | - |
| ***Mycobacterium peregrinum PCR*** | - | - | - |
| ***Mycobacterium saopaulense*** | - | - | - |
| ***Myxidium streisingeri*** | - | - | - |
| ***Piscinoodinium pillulare PCR*** | - | - | - |
| ***Pleistophora hyphessobryconis PCR*** | - | - | - |
| ***Pseudocapillaria tomentosa PCR*** | - | - | - |
| ***Pseudoloma neurophilia PCR*** | - | - | - |
| ***Saprolegnia brachydanis PCR*** | - | - | - |
| ***Zebrafish picornavirus*** | + | - | - |

*Remarks*

# *Test Results*

**Order #: 2024031020**

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

10A Sassoon Road
Pokfulam, HK 0 Hong Kong

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

***Notes***

Lab No. 2406F27-F29, Location: L6-13, Zebrafish Core Facility, Laboratory Block, Li Ka Shing Faculty of Medicine

- = Negative, +/- = Equivocal; + = Positive; I = Inconclusive.
An equivocal result indicates inconsistent amplification detected by real-time PCR.
Inconclusive indicates failure of control result.

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

Any samples reported as equivocal or positive result in this report has been confirmed by re-extracting nucleic acid and repeating real-time PCR amplification to confirm the initial testing result. If any results are unexpected positives, it is suggested to submit a new representative sample for gratis retesting of the specific agent(s) in question. Please reference this order on the new submission so we can adjust the billing to gratis. The gratis testing is only up to the number of unexpected results in this order.

Recommended sample types are essential to accurate results. Missing or inappropriate sample types and/or expired buffer/additives can affect detection, and may produce false-negative results. If this report contains an unexpected result or are unsure of recommended sample types, please contact 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 #: 2024031020**

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

10A Sassoon Road
Pokfulam, HK 0 Hong Kong

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

***Notes***

Lab No. 2406F27-F29, Location: L6-13, Zebrafish Core Facility, Laboratory Block, Li Ka Shing Faculty of Medicine

## *Sample Information*

| *Number* | *Code* | *Species* | *Colony* | *Strain* | *Age* | *Sex* |
|---|---|---|---|---|---|---|
| 1 | 2406F27, Rm.L6-13 (Pre-filtration fish) | Zebrafish | n/d | TU (Pre-filtration fish) | | |
| 2 | 2406F28, Rm.L6-13 (Post-filtration fish) | Zebrafish | n/d | Unknown (Post-filtration fish) | | |
| 3 | 2406F29, Rm.L6-13 | Zebrafish | n/d | Sump swab | | |