

Test Results

Order #: **2023046300**

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
#2023046300

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

Details

Sample(s) from: NULL

Collection Date

05-Sep-2023

Arrival Date

19-Sep-2023

Approval Date

29-Sep-2023

Notes

Lab. No. 2309AR5B (Interceptor), Location: Conventional Experimental Holding Area – Laboratory Block, Li Ka Shing Faculty of Medicine (CA-FMB)

Diagnostic Summary

Test	Colony	Tested	+	+/-	?	PDG
H. ganmani Helicobacter species specific assays	n/d	1	1	0	0	0
H. mastomyrinus Helicobacter species specific assays	n/d	1	1	0	0	0
Helicobacter genus PCR UHK Mouse Quarantine PRIA	n/d	1	1	0	0	0
Pinworm PCR UHK Mouse Quarantine PRIA	n/d	1	1	0	0	0
R. heylii PCR UHK Mouse Quarantine PRIA	n/d	1	1	0	0	0
Syphacia obvelata Pinworm Speciation PCR	n/d	1	1	0	0	0
Tritrichomonas genus PCR UHK Mouse Quarantine PRIA	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

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Notes

Lab. No. 2309AR5B (Interceptor), Location: Conventional Experimental Holding Area – Laboratory Block, Li Ka Shing Faculty of Medicine (CA-FMB)

Molecular Diagnostics: Infectious

Disease PCR

Results approved by Magan, Kyria on 29 Sep 2023

UHK Mouse Quarantine PRIA

1
2309AR5
B

<i>Astrovirus-1 PCR</i>	-
<i>Astrovirus-2 PCR</i>	-
<i>Hantaan PCR</i>	-
<i>Hantaviruses New World PCR</i>	-
<i>LCMV PCR</i>	-
<i>LDV PCR</i>	-
<i>MAV 1 & 2 PCR</i>	-
<i>MCMV PCR</i>	-
<i>MHV PCR</i>	-
<i>MNV PCR</i>	-
<i>Mousepox (Ectromelia) PCR</i>	-
<i>Mouse Parvovirus (MPV/MVM) PCR</i>	-
<i>MRV (EDIM) PCR</i>	-
<i>MTLV PCR</i>	-
<i>MuCPV PCR (MKPV)</i>	-
<i>POLY PCR</i>	-
<i>PVM PCR</i>	-
<i>REO PCR</i>	-
<i>SEND PCR</i>	-
<i>TMEV/GDVII PCR</i>	-
<i>Beta Strep Grp A PCR</i>	-
<i>Beta Strep Grp B PCR</i>	-
<i>Beta Strep Grp C PCR</i>	-
<i>Beta Strep Grp G PCR</i>	-
<i>B. bronchiseptica PCR</i>	-
<i>B. pseudohinzii PCR</i>	-
<i>Campylobacter Genus PCR</i>	-
<i>C. rodentium PCR</i>	-
<i>C. piliforme PCR</i>	-

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Molecular Diagnostics: Infectious

Disease PCR

Results approved by Magan, Kyria on 29 Sep 2023

UHK Mouse Quarantine PRIA (continued)

1
2309AR5
B

<i>C. bovis</i> PCR	-
<i>C. kutscheri</i> PCR	-
<i>Filobacterium rodentium</i> (CAR <i>Bacillus</i>) PCR	-
<i>Helicobacter</i> genus PCR	+
<i>H. bilis</i>	-
<i>H. hepaticus</i>	-
<i>K. oxytoca</i> PCR	-
<i>K. pneumoniae</i> PCR	-
<i>K</i> Virus PCR	-
<i>M. pulmonis</i> PCR	-
<i>R. heylii</i> PCR	+
<i>R. pneumotropicus</i> PCR	-
<i>P. multocida</i> PCR	-
<i>P. mirabilis</i> PCR	-
<i>Salmonella</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>Chilomastix muris</i> PCR	-
<i>Demodex</i> PCR	-
<i>E. cuniculi</i> PCR	-
<i>Entamoeba</i> PCR	-
<i>Giardia</i> PCR	-
<i>Mite</i> PCR	-

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Molecular Diagnostics: Infectious

Disease PCR

Results approved by Magan, Kyria on 29 Sep 2023

UHK Mouse Quarantine PRIA (continued)

1
2309AR5
B

Pinworm PCR	+
Pneumocystis PCR	-
Hexamastix muris PCR	-
Spirotrichomonas muris PCR	-
Trichomonas genus PCR	+

Helicobacter species specific assays

1
2309AR5
B

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

Pinworm Speciation PCR

1
2309AR5
B

<i>Aspicularis tetraptera</i>	-
<i>Syphacia muris</i>	-
<i>Syphacia obvelata</i>	+

Remarks

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Lab. No. 2309AR5B (Interceptor), Location: Conventional Experimental Holding Area – Laboratory Block, Li Ka Shing Faculty of Medicine (CA-FMB)

- = 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.

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

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Notes

Lab. No. 2309AR5B (Interceptor), Location: Conventional Experimental Holding Area – Laboratory Block, Li Ka Shing Faculty of Medicine (CA-FMB)

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex
1	2309AR5B	Mouse	n/d	IVC Sentinel/ ICR (CD-1)		

Test Results

Order #: **2023047255**

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10A Sassoon Road
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Billing Information

Payment Method

Purchase Order PO#: Covering Invoice for
#2023047255

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

Details

Sample(s) from: NULL

Collection Date

05-Sep-2023

Arrival Date

19-Sep-2023

Approval Date

22-Sep-2023

Notes

Lab. No. 2309R201-2309R202, Location: Conventional Experimental Holding Area – Laboratory Block, Li Ka Shing Faculty of Medicine (CA-FMB)

Diagnostic Summary

Test	Colony	Tested	+	+/-	?	PDG
IFA PCAR ("RRV")	n/d	2	2	0	0	0
MFIA PCAR ("RRV") UHK MFIA Rat Full Profile	n/d	2	2	0	0	0
MFIA RPyV2 (Rat Polyomavirus 2) UHK MFIA Rat Full Profile	n/d	2	2	0	0	0

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Test Results

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Wilmington MA 01887 USA

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Pokfulam, HK 0 Hong Kong

Notes

Lab. No. 2309R201-2309R202, Location: Conventional Experimental Holding Area – Laboratory Block, Li Ka Shing Faculty of Medicine (CA-FMB)

Serology

Results approved by White, Danielle on 22 Sep 2023

	1 2309R201, Rm.AR3	2 2309R202, Rm.AR3
MFIA SEND	-	-
MFIA PVM	-	-
MFIA SDAV	-	-
MFIA KRV	-	-
MFIA H-1	-	-
MFIA RPV	-	-
MFIA RMV	-	-
MFIA NS-1	-	-
MFIA REO	-	-
MFIA RTV	-	-
MFIA MAV 1 & 2	-	IN
MFIA HTNV (HANT)	-	-
MFIA MPUL	-	-
MFIA ECUN	-	-
MFIA CARB (F. rodentium)	-	-
MFIA PCAR ("RRV")	+	+
MFIA CPIL	-	-
MFIA LCMV	-	-
MFIA IDIR (ROTA-B)	-	-
MFIA RPyV2 (Rat Polyomavirus 2)	+	+
MFIA Anti-Ig	P	P
IFA MAV 2		-
IFA PCAR ("RRV")	+	+

Serology Profile: UHK MFIA Rat Full Profile

Remarks

Test Results

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Notes

Lab. No. 2309R201-2309R202, Location: Conventional Experimental Holding Area – Laboratory Block, Li Ka Shing Faculty of Medicine (CA-FMB)

MFIA/IFA/ELISA/WIB Results:

- = Negative
- +/- = Equivocal
- + = Moderate to strong positive
- TC = Non-specific reaction with tissue control
- I = Indeterminate or Inconclusive
- IN = Interpreted as non-specific (MFIA result not confirmed by alternate serologic assay or diagnostic methodology)
- PDG = Pending
- QNS = Quantity not sufficient

The anti-immunoglobulin (Anti-Ig) MFIA control 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), is assigned if the MFI is below the cutoff which 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 control, then negative and borderline results in MFIA assays for microbial antibodies are considered Inconclusive because the testing is not valid.

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Wilmington MA 01887 USA

10A Sassoon Road
Pokfulam, HK 0 Hong Kong

Notes

Lab. No. 2309R201-2309R202, Location: Conventional Experimental Holding Area – Laboratory Block, Li Ka Shing Faculty of Medicine (CA-FMB)

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex
1	2309R201, Rm.AR3	Rat	n/d	Sentinel/ CD(SD)IGS (Sprague Dawley)	Adult	Female
2	2309R202, Rm.AR3	Rat	n/d	Sentinel/ CD(SD)IGS (Sprague Dawley)	Adult	Female

Test Results

Order #: **2023046302**

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
#2023046302

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

Details

Sample(s) from: NULL

Collection Date
30-Aug-2023

Arrival Date
19-Sep-2023

Approval Date
25-Sep-2023

Notes

Lab. No. 2309H301-2309H306, Location: Conventional Experimental Holding Area, Dexter H.C. Man Building (CA-DMB)

Diagnostic Summary

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

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Test Results

Order #: **2023046302**

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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. 2309H301-2309H306, Location: Conventional Experimental Holding Area, Dexter H.C. Man Building (CA-DMB)

Serology

Results approved by White, Danielle on 25 Sep 2023

	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>
	2309H301, Rm.E317	2309H302, Rm.E317	2309H303, Rm.E317	2309H304, Rm.E316	2309H305, Rm.E316	2309H306, Rm.E316
MFIA SEND	-	-	-	-	-	-
MFIA PVM	-	-	-	-	-	-
MFIA REO	-	-	-	-	-	-
MFIA LCMV	-	-	-	-	-	-
MFIA ECUN	-	-	-	-	-	-
MFIA PIV-5	-	-	-	-	-	-
MFIA CPIL	-	IN	-	-	-	-
MFIA Anti-Ig	P	P	P	P	P	P
IFA CPIL		-				

Serology Profile: MFIA Syrian Hamster Assessment Profile w/ CPIL

Remarks

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Notes

Lab. No. 2309H301-2309H306, Location: Conventional Experimental Holding Area, Dexter H.C. Man Building (CA-DMB)

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex
1	2309H301, Rm.E317	Hamster	n/d	Sentinel/ AURA (Golden Syrian)	Adult	Female
2	2309H302, Rm.E317	Hamster	n/d	Sentinel/ AURA (Golden Syrian)	Adult	Female
3	2309H303, Rm.E317	Hamster	n/d	Sentinel/ AURA (Golden Syrian)	Adult	Female
4	2309H304, Rm.E316	Hamster	n/d	Sentinel/ AURA (Golden Syrian)	Adult	Female
5	2309H305, Rm.E316	Hamster	n/d	Sentinel/ AURA (Golden Syrian)	Adult	Female
6	2309H306, Rm.E316	Hamster	n/d	Sentinel/ AURA (Golden Syrian)	Adult	Female

Test Results

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Billing Information

Payment Method

Purchase Order PO#: Covering Invoice for
#2023046303

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

Details

Sample(s) from: NULL

Collection Date

05-Sep-2023

Arrival Date

19-Sep-2023

Approval Date

22-Sep-2023

Notes

Lab. No. 2309M501-2309M502, Location: Conventional Experimental Holding Area - Kadoorie Biological Sciences Building (CA-KA)

Diagnostic Summary

Test	Colony	Tested	+	+/-	?	PDG
IFA MHV	n/d	2	2	0	0	0
MFIA MHV UHK MFIA Mouse Full Profile	n/d	2	2	0	0	0
MFIA MNV UHK MFIA Mouse Full Profile	n/d	2	2	0	0	0

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

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Notes

Lab. No. 2309M501-2309M502, Location: Conventional Experimental Holding Area - Kadoorie Biological Sciences Building (CA-KA)

Serology

Results approved by White, Danielle on 22 Sep 2023

1 **2**
2309M501, 2309M502,
Rm.8S22 Rm.8S22

	1	2
MFIA SEND	-	-
MFIA PVM	-	-
MFIA MHV	+	+
MFIA MVM	-	-
MFIA MPV-1	-	-
MFIA MPV-2	-	-
MFIA MPV-5	-	-
MFIA NS-1	-	-
MFIA MNV	+	+
MFIA GDVII	-	-
MFIA REO	-	-
MFIA EDIM (ROTA-A)	-	-
MFIA LCMV	-	-
MFIA ECTRO	-	-
MFIA MAV 1 & 2	-	-
MFIA MCMV	-	-
MFIA K Virus	-	-
MFIA MTLV	-	-
MFIA POLY	-	-
MFIA HTNV (HANT)	-	-
MFIA MPUL	-	-
MFIA CARB (F. rodentium)	-	-
MFIA LDV	-	-
MFIA CPIL	-	-
MFIA ECUN	-	-
MFIA PHV	-	-
MFIA Anti-Ig	P	P
IFA MHV	+	+

Serology Profile: UHK MFIA Mouse Full Profile

Remarks

Test Results

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Notes

Lab. No. 2309M501-2309M502, Location: Conventional Experimental Holding Area - Kadoorie Biological Sciences Building (CA-KA)

MFIA/IFA/ELISA/WIB Results:

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Notes

Lab. No. 2309M501-2309M502, Location: Conventional Experimental Holding Area - Kadoorie Biological Sciences Building
(CA-KA)

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex
1	2309M501, Rm.8S22	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female
2	2309M502, Rm.8S22	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female

Test Results

Order #: **2023040523**

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10A Sassoon Road
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Billing Information

Payment Method

Purchase Order PO#: Covering Invoice for
#2023040523

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

Details

Sample(s) from: NULL

Collection Date
13-Jul-2023

Arrival Date
10-Aug-2023

Approval Date
16-Aug-2023

Notes

Lab No.2307F1-2307F12, Location: CA-DMB

Diagnostic Summary

Test	Colony	Tested	+	+/-	?	PDG
Aeromonas hydrophila PCR UHK Zebrafish Surveillance Plus PCR Panel	n/d	12	7	0	0	0
Mycobacterium fortuitum PCR UHK Zebrafish Surveillance Plus PCR Panel	n/d	12	2	0	0	0

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Test Results

Order #: **2023040523**

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.2307F1-2307F12, Location: CA-DMB

Molecular Diagnostics: Infectious

Disease PCR

Results approved by Thor, Savin on 16 Aug 2023

UHK Zebrafish Surveillance Plus PCR Panel

	<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>
	2307F1, MDA Rack 1	2307F2, Quarantine Rack 1	2307F3, Quarantine Rack 1	2307F4, Quarantine Rack 1	2307F5, Quarantine Rack 2	2307F6, Quarantine Rack 2	2307F7, Quarantine Rack 2	2307F8, Quarantine Rack 2	2307F9, Quarantine Rack 2	2307F10, DMB Dry feed
<i>Aeromonas hydrophila</i> PCR	+	+	+	+	-	-	-	-	-	+
<i>Edwardsiella ictaluri</i> PCR	-	-	-	-	-	-	-	-	-	-
<i>Flavobacterium columnare</i> PCR	-	-	-	-	-	-	-	-	-	-
<i>Ichthyophthirius multifiliis</i> PCR	-	-	-	-	-	-	-	-	-	-
<i>Infectious pancreatic necrosis virus (IPNV)</i> PCR	-	-	-	-	-	-	-	-	-	-
<i>Infectious spleen and kidney necrosis virus -ISKNV</i>	-	-	-	-	-	-	-	-	-	-
<i>Mycobacterium abscessus</i> PCR	-	-	-	-	-	-	-	-	-	-
<i>Mycobacterium chelonae</i> PCR	-	-	-	-	-	-	-	-	-	-
<i>Mycobacterium fortuitum</i> PCR	-	-	-	-	-	-	-	-	-	+
<i>Mycobacterium gordonae</i>	-	-	-	-	-	-	-	-	-	-
<i>Mycobacterium haemophilum</i> PCR	-	-	-	-	-	-	-	-	-	-
<i>Mycobacterium marinum</i> PCR	-	-	-	-	-	-	-	-	-	-
<i>Mycobacterium peregrinum</i> PCR	-	-	-	-	-	-	-	-	-	-
<i>Mycobacterium saopaulense</i>	-	-	-	-	-	-	-	-	-	-
<i>Myxidium streisingeri</i>	-	-	-	-	-	-	-	-	-	-
<i>Piscinoodinium pillulare</i> PCR	-	-	-	-	-	-	-	-	-	-
<i>Pleistophora hyphessobryconis</i> PCR	-	-	-	-	-	-	-	-	-	-
<i>Pseudocapillaria tomentosa</i> PCR	-	-	-	-	-	-	-	-	-	-
<i>Pseudoloma neurophilia</i> PCR	-	-	-	-	-	-	-	-	-	-
<i>Saprolegnia brachydans</i> PCR	-	-	-	-	-	-	-	-	-	-
<i>Zebrafish picornavirus</i>	-	-	-	-	-	-	-	-	-	-

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Notes

Lab No.2307F1-2307F12, Location: CA-DMB

Molecular Diagnostics: Infectious

Disease PCR

Results approved by Thor, Savin on 16 Aug 2023

UHK Zebrafish Surveillance Plus PCR Panel (continued)

	<u>11</u> 2307F11, DMB Dry feed	<u>12</u> 2307F12, DMB Dry feed
<i>Aeromonas hydrophila</i> PCR	+	+
<i>Edwardsiella ictaluri</i> PCR	-	-
<i>Flavobacterium columnare</i> PCR	-	-
<i>Ichthyophthirius multifiliis</i> PCR	-	-
<i>Infectious pancreatic necrosis virus (IPNV)</i> PCR	-	-
<i>Infectious spleen and kidney necrosis virus -ISKNV</i>	-	-
<i>Mycobacterium abscessus</i> PCR	-	-
<i>Mycobacterium chelonae</i> PCR	-	-
<i>Mycobacterium fortuitum</i> PCR	-	+
<i>Mycobacterium gordonae</i>	-	-
<i>Mycobacterium haemophilum</i> PCR	-	-
<i>Mycobacterium marinum</i> PCR	-	-
<i>Mycobacterium peregrinum</i> PCR	-	-
<i>Mycobacterium saopaulense</i>	-	-
<i>Myxidium streisingeri</i>	-	-
<i>Piscinoodinium pillulare</i> PCR	-	-
<i>Pleistophora hypessobryconis</i> PCR	-	-
<i>Pseudocapillaria tomentosa</i> PCR	-	-
<i>Pseudoloma neurophilia</i> PCR	-	-
<i>Saprolegnia brachydans</i> PCR	-	-
<i>Zebrafish picornavirus</i>	-	-

Remarks

Test Results

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Notes

Lab No.2307F1-2307F12, Location: CA-DMB

- = 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.

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

Test Results

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10A Sassoon Road
Pokfulam, HK 0 Hong Kong

Notes

Lab No.2307F1-2307F12, Location: CA-DMB

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex
1	2307F1, MDA Rack 1	Zebrafish	n/d	5649-21 Line 31		
2	2307F2, Quarantine Rack 1	Zebrafish	n/d	5441-20 Line 5		
3	2307F3, Quarantine Rack 1	Zebrafish	n/d	5441-20 Line 13		
4	2307F4, Quarantine Rack 1	Zebrafish	n/d	5697-21 Line 3		
5	2307F5, Quarantine Rack 2	Zebrafish	n/d	TU		
6	2307F6, Quarantine Rack 2	Zebrafish	n/d	AB		
7	2307F7, Quarantine Rack 2	Zebrafish	n/d	AB		
8	2307F8, Quarantine Rack 2	Zebrafish	n/d	AB		
9	2307F9, Quarantine Rack 2	Zebrafish	n/d	AB		
10	2307F10, DMB Dry feed	Zebrafish	n/d	E209 Fridge		
11	2307F11, DMB Dry feed	Zebrafish	n/d	SPF Dispenser		
12	2307F12, DMB Dry feed	Zebrafish	n/d	MDA Dispenser		

Test Results

Order #: **2023047280**

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
#2023047280

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

Details

Sample(s) from: NULL

Collection Date

30-Aug-2023

Arrival Date

19-Sep-2023

Approval Date

29-Sep-2023

Notes

Lab No.2309F1-2309F18, Location: CA-DMB

Diagnostic Summary

Test	Colony	Tested	+	+/-	?	PDG
Aeromonas hydrophila PCR UHK Zebrafish Surveillance Plus PCR Panel	n/d	18	8	0	0	0
Mycobacterium chelonae PCR UHK Zebrafish Surveillance Plus PCR Panel	n/d	18	4	0	0	0
Mycobacterium fortuitum PCR UHK Zebrafish Surveillance Plus PCR Panel	n/d	18	1	0	0	0
Mycobacterium gordonae UHK Zebrafish Surveillance Plus PCR Panel	n/d	18	5	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

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Pokfulam, HK 0 Hong Kong

Notes

Lab No.2309F1-2309F18, Location: CA-DMB

Molecular Diagnostics: Infectious

Disease PCR

Results approved by Magan, Kyria on 29 Sep 2023

UHK Zebrafish Surveillance Plus PCR Panel

	<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>
	2309F1, MDA Rack 1	2309F2, Quarantine Rack 1	2309F3, Quarantine Rack 1	2309F4, Quarantine Rack 1	2309F5, Quarantine Rack 1	2309F6, Quarantine Rack 1	2309F7, Quarantine Rack 1	2309F8, Quarantine Rack 1	2309F9, E209 Fridge (Unpacked)	2309F10, E209 Fridge
<i>Aeromonas hydrophila</i> PCR	+	+	+	-	-	-	-	+	+	+
<i>Edwardsiella ictaluri</i> PCR	-	-	-	-	-	-	-	-	-	-
<i>Flavobacterium columnare</i> PCR	-	-	-	-	-	-	-	-	-	-
<i>Ichthyophthirius multifiliis</i> PCR	-	-	-	-	-	-	-	-	-	-
<i>Infectious pancreatic necrosis virus (IPNV)</i> PCR	-	-	-	-	-	-	-	-	-	-
<i>Infectious spleen and kidney necrosis virus -ISKNV</i>	-	-	-	-	-	-	-	-	-	-
<i>Mycobacterium abscessus</i> PCR	-	-	-	-	-	-	-	-	-	-
<i>Mycobacterium chelonae</i> PCR	-	+	-	-	-	-	-	-	-	-
<i>Mycobacterium fortuitum</i> PCR	-	-	-	-	-	-	-	-	+	-
<i>Mycobacterium gordonae</i>	+	-	-	-	-	-	-	-	-	-
<i>Mycobacterium haemophilum</i> PCR	-	-	-	-	-	-	-	-	-	-
<i>Mycobacterium marinum</i> PCR	-	-	-	-	-	-	-	-	-	-
<i>Mycobacterium peregrinum</i> PCR	-	-	-	-	-	-	-	-	-	-
<i>Mycobacterium saopaulense</i>	-	-	-	-	-	-	-	-	-	-
<i>Myxidium streisingeri</i>	-	-	-	-	-	-	-	-	-	-
<i>Piscinoodinium pillulare</i> PCR	-	-	-	-	-	-	-	-	-	-
<i>Pleistophora hyphessobryconis</i> PCR	-	-	-	-	-	-	-	-	-	-
<i>Pseudocapillaria tomentosa</i> PCR	-	-	-	-	-	-	-	-	-	-
<i>Pseudoloma neurophilia</i> PCR	-	-	-	-	-	-	-	-	-	-
<i>Saprolegnia brachydans</i> PCR	-	-	-	-	-	-	-	-	-	-
<i>Zebrafish picornavirus</i>	-	-	-	-	-	-	-	-	-	-

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Notes

Lab No.2309F1-2309F18, Location: CA-DMB

Molecular Diagnostics: Infectious

Disease PCR

Results approved by Magan, Kyria on 29 Sep 2023

UHK Zebrafish Surveillance Plus PCR Panel (continued)

	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>
	2309F11, SPF Rack 1	2309F12, SPF Rack 2	2309F13, SPF Rack 3	2309F14, SPF Rack 4	2309F15, MDA Rack 2	2309F16, MDA Rack 3	2309F17, Quarantine Rack 1	2309F18, Quarantine Rack 2
<i>Aeromonas hydrophila</i> PCR	-	-	+	-	-	+	-	-
<i>Edwardsiella ictaluri</i> PCR	-	-	-	-	-	-	-	-
<i>Flavobacterium columnare</i> PCR	-	-	-	-	-	-	-	-
<i>Ichthyophthirius multifiliis</i> PCR	-	-	-	-	-	-	-	-
Infectious pancreatic necrosis virus (IPNV) PCR	-	-	-	-	-	-	-	-
Infectious spleen and kidney necrosis virus -ISKNV	-	-	-	-	-	-	-	-
<i>Mycobacterium abscessus</i> PCR	-	-	-	-	-	-	-	-
<i>Mycobacterium chelonae</i> PCR	-	-	+	+	+	-	-	-
<i>Mycobacterium fortuitum</i> PCR	-	-	-	-	-	-	-	-
<i>Mycobacterium gordonae</i>	-	-	+	+	+	+	-	-
<i>Mycobacterium haemophilum</i> PCR	-	-	-	-	-	-	-	-
<i>Mycobacterium marinum</i> PCR	-	-	-	-	-	-	-	-
<i>Mycobacterium peregrinum</i> PCR	-	-	-	-	-	-	-	-
<i>Mycobacterium saopaulense</i>	-	-	-	-	-	-	-	-
<i>Myxidium streisingeri</i>	-	-	-	-	-	-	-	-
<i>Piscinoodinium pillulare</i> PCR	-	-	-	-	-	-	-	-
<i>Pleistophora hyphessobryconis</i> PCR	-	-	-	-	-	-	-	-
<i>Pseudocapillaria tomentosa</i> PCR	-	-	-	-	-	-	-	-
<i>Pseudoloma neurophilia</i> PCR	-	-	-	-	-	-	-	-
<i>Saprolegnia brachydanis</i> PCR	-	-	-	-	-	-	-	-
Zebrafish picornavirus	-	-	-	-	-	-	-	-

Remarks

Test Results

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Notes

Lab No.2309F1-2309F18, Location: CA-DMB

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex
1	2309F1, MDA Rack 1	Zebrafish	n/d	5649-21 Line 31		
2	2309F2, Quarantine Rack 1	Zebrafish	n/d	5441-20 Line 5		
3	2309F3, Quarantine Rack 1	Zebrafish	n/d	5441-20 Line 13		
4	2309F4, Quarantine Rack 1	Zebrafish	n/d	5697-21 Line 3		
5	2309F5, Quarantine Rack 1	Zebrafish	n/d	RO Out		
6	2309F6, Quarantine Rack 1	Zebrafish	n/d	Reservoir Out		
7	2309F7, Quarantine Rack 1	Zebrafish	n/d	Sump Out (Tap)		
8	2309F8, Quarantine Rack 1	Zebrafish	n/d	Gutter		
9	2309F9, E209 Fridge (Unpacked)	Zebrafish	n/d	DMB Dry feed		
10	2309F10, E209 Fridge	Zebrafish	n/d	DMB Dry feed		
11	2309F11, SPF Rack 1	Zebrafish	n/d	AB and TU		
12	2309F12, SPF Rack 2	Zebrafish	n/d	AB and TU		
13	2309F13 SPF Rack 3	Zebrafish	n/d	AB		
14	2309F14, SPF Rack 4	Zebrafish	n/d	AB, TU and Casper		
15	2309F15, MDA Rack 2	Zebrafish	n/d	AB, 5649-21 Line 37		
16	2309F16, MDA Rack 3	Zebrafish	n/d	5649-21 Line 32, 33, 34		

Test Results

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Notes

Lab No.2309F1-2309F18, Location: CA-DMB

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex
17	2309F17, Quarantine Rack 1	Zebrafish	n/d	5441-20 Line 5		
18	2309F18, Quarantine Rack 2	Zebrafish	n/d	Sump swab		