Test Results

Order #: 2022062144

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

10A Sassoon Road
Pokfulam, HK 0 Hong Kong

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

Billing Information

Payment Method

Purchase Order PO#: HKU00038402

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

Details

Sample(s) from: NULL

Collection Date	*Arrival Date*	*Approval Date*
06-Dec-2022	20-Dec-2022	30-Dec-2022

Notes

Lab. No. AR5C (Interceptor), Location: Conventional Experimental Holding Area – Laboratory Block, Li Ka Shing Faculty of Medicine (CA-FMB)

Diagnostic Summary

Test	*Colony*	Tested	+	+/-	?	PDG
Aspiculuris tetraptera Pinworm Speciation PCR	n/d	1	1	0	0	0
Astrovirus-1 PCR UHK Mouse Quarantine PRIA	n/d	1	1	0	0	0
Astrovirus-2 PCR UHK Mouse Quarantine PRIA	n/d	1	1	0	0	0
Chilomastix muris PCR	n/d	1	1	0	0	0
D. musculi PCR	n/d	1	1	0	0	0
Demodex PCR UHK Mouse Quarantine PRIA	n/d	1	1	0	0	0
Entamoeba PCR UHK Mouse Quarantine PRIA	n/d	1	1	0	0	0
H. bilis UHK Mouse Quarantine PRIA	n/d	1	1	0	0	0
H. hepaticus UHK Mouse Quarantine PRIA	n/d	1	1	0	0	0
Helicobacter genus UHK Mouse Quarantine PRIA	n/d	1	1	0	0	0
Hexamastix muris PCR	n/d	1	1	0	0	0
MHV PCR UHK Mouse Quarantine PRIA	n/d	1	1	0	0	0
MNV PCR UHK Mouse Quarantine PRIA	n/d	1	1	0	0	0
P. mirabilis 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
Pneumocystis PCR UHK Mouse Quarantine PRIA	n/d	1	1	0	0	0

Test Results

Order #: 2022062144

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

10A Sassoon Road
Pokfulam, HK 0 Hong Kong

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

Notes

Lab. No. AR5C (Interceptor), Location: Conventional Experimental Holding Area – Laboratory Block, Li Ka Shing Faculty of Medicine (CA-FMB)

Diagnostic Summary

Test	*Colony*	Tested	+	+/-	?	PDG
R. heylii PCR UHK Mouse Quarantine PRIA	n/d	1	1	0	0	0
R. pneumotropicus PCR UHK Mouse Quarantine PRIA	n/d	1	1	0	0	0
Spironucleus muris 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 http://www.criver.com/info/disease_sheets.

Test Results

Order #: 2022062144

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

10A Sassoon Road
Pokfulam, HK 0 Hong Kong

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

Notes

Lab. No. AR5C (Interceptor), Location: Conventional Experimental Holding Area – Laboratory Block, Li Ka Shing Faculty of Medicine (CA-FMB)

Molecular Diagnostics: Infectious Disease PCR

Results approved by Peck, DiAnne on 30 Dec 2022

UHK Mouse Quarantine PRIA

	1 AR5 Zone C
Hantaan PCR	-
Hantaviruses New World PCR	-
LCMV PCR	-
LDV PCR	-
MAV 1 & 2 PCR	-
MCMV PCR	-
MHV PCR	+
MNV PCR	+
Mousepox (Ectromelia) PCR	-
Mouse Parvovirus (MPV/MVM) PCR	-
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	-

Test Results

Order #: 2022062144

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

10A Sassoon Road
Pokfulam, HK 0 Hong Kong

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

Notes

Lab. No. AR5C (Interceptor), Location: Conventional Experimental Holding Area – Laboratory Block, Li Ka Shing Faculty of Medicine (CA-FMB)

Molecular Diagnostics: Infectious Disease PCR

Results approved by Peck, DiAnne on 30 Dec 2022

UHK Mouse Quarantine PRIA (continued)

	1 AR5 Zone C
Helicobacter genus	+
H. bilis	+
H. hepaticus	+
K. oxytoca PCR	-
K. pneumoniae PCR	-
K Virus PCR	-
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	+

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

10A Sassoon Road
Pokfulam, HK 0 Hong Kong

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

Notes

Lab. No. AR5C (Interceptor), Location: Conventional Experimental Holding Area – Laboratory Block, Li Ka Shing Faculty of Medicine (CA-FMB)

Molecular Diagnostics: Infectious Disease PCR

Results approved by Peck, DiAnne on 30 Dec 2022

UHK Mouse Quarantine PRIA (continued)

	1 AR5 Zone C
Astrovirus-2 PCR	+

Pinworm Speciation PCR

	1 AR5 Zone C
Aspiculuris tetraptera	+
Syphacia muris	-
Syphacia obvelata	+

Assays

	1 AR5 Zone C
MuCPV PCR (MKPV)	-
Chilomastix muris PCR	+
Hexamastix muris PCR	+
D. musculi PCR	+

Remarks

Test Results

Order #: 2022062144

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

10A Sassoon Road
Pokfulam, HK 0 Hong Kong

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

Notes

Lab. No. AR5C (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.

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

Test Results

Order #: 2022062144

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

10A Sassoon Road
Pokfulam, HK 0 Hong Kong

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

Notes

Lab. No. AR5C (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	AR5 Zone C	Mouse	n/d	IVC Sentinel/ ICR (CD-1)		

Test Results

Order #: 2022061990

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

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#: HKU00038402

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

Details

Sample(s) from: NULL

Collection Date	*Arrival Date*	*Approval Date*
06-Dec-2022	20-Dec-2022	21-Dec-2022

Notes

Lab. No. 2212R203-2212R204, Location: Conventional Experimental Holding Area – Laboratory Block, Li Ka Shing Faculty of Medicine (CA-FMB)

Diagnostic Summary

Test	*Colony*	**Tested**	**+**	**+/-**	**?**	**PDG**
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

+ = 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 #: 2022061990

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

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

Notes

Lab. No. 2212R203-2212R204, Location: Conventional Experimental Holding Area – Laboratory Block, Li Ka Shing Faculty of Medicine (CA-FMB)

Serology

Results approved by Kudalis, Diane on 21 Dec 2022

	1 2212R203, Rm.AR3	2 2212R204, 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	-	-
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

Serology Profile: UHK MFIA Rat Full Profile

Remarks

MFIA/IFA/ELISA/WIB Results: - = Negative; +/- = Equivocal; + = Moderate to strong positive; TC = Non-specific reaction with tissue control; I = Indeterminate or Inconclusive; IN = result interpreted as non-specific because not confirmed by alternative serologic assay or diagnostic methodology for other serologic assays, PDG = pending, QNS = Quantity not sufficient.The anti-immunoglobulin (Anti-Ig) MFIA verifies that a serum specimen contains a sufficient concentration of immunoglobulin to be suitable for serologic testing. A result of P (for Pass) corresponds to a median fluorescence index (MFI) at or above the Anti-Ig assay cutoff, typically >= 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 #: 2022061990

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

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

Notes

Lab. No. 2212R203-2212R204, 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	2212R203, Rm.AR3	Rat	n/d	Sentinel/ CD(SD)IGS (Sprague Dawley)	Adult	Female
2	2212R204, Rm.AR3	Rat	n/d	Sentinel/ CD(SD)IGS (Sprague Dawley)	Adult	Female

Test Results

Order #: 2022061989

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

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#: HKU00038402

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

Details

Sample(s) from: NULL

Collection Date	*Arrival Date*	*Approval Date*
06-Dec-2022	20-Dec-2022	21-Dec-2022

Notes

Lab. No. 2212M301-2212M304, Location: Location: Conventional Experimental Holding Area, Dexter H.C. Man Building (CA-DMB)

Diagnostic Summary

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

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

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

Test Results

Order #: 2022061989

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

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

Notes

Lab. No. 2212M301-2212M304, Location: Location: Conventional Experimental Holding Area, Dexter H.C. Man Building (CA-DMB)

Serology

Results approved by Kudalis, Diane on 21 Dec 2022

	1 2212M301, Rm.E217	2 2212M302, Rm.E217	3 2212M303, Rm.E218	4 2212M304, Rm.E218
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	P	P

Serology Profile: UHK MFIA Mouse Full Profile

Remarks

Test Results

Order #: 2022061989

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

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

Notes

Lab. No. 2212M301-2212M304, Location: Location: Conventional Experimental Holding Area, Dexter H.C. Man Building (CA-DMB)

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 #: 2022061989

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

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

Notes

Lab. No. 2212M301-2212M304, Location: Location: Conventional Experimental Holding Area, Dexter H.C. Man Building (CA-DMB)

Sample Information

Number	*Code*	*Species*	*Colony*	*Strain*	*Age*	*Sex*
1	2212M301, Rm.E217	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female
2	2212M302, Rm.E217	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female
3	2212M303, Rm.E218	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female
4	2212M304, Rm.E218	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female

Test Results

Order #: 2022062137

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

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 #2022062137

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

Details

Sample(s) from: NULL

Collection Date	*Arrival Date*	*Approval Date*
30-Nov-2022	20-Dec-2022	27-Dec-2022

Notes

Lab. No. 2212H301-2212H303, Location: Conventional Experimental Holding Area, Dexter H.C. Man Building (CA-DMB)

Diagnostic Summary

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

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

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

Test Results

Order #: 2022062137

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

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

Notes

Lab. No. 2212H301-2212H303, Location: Conventional Experimental Holding Area, Dexter H.C. Man Building (CA-DMB)

Serology

Results approved by Oliveira, Kevin on 27 Dec 2022

	1 2212H301, Rm.E317A	2 2212H302, Rm.E317A	3 2212H303, Rm.E317A
MFIA SEND	-	-	-
MFIA PVM	-	-	-
MFIA REO	-	-	-
MFIA LCMV	-	-	-
MFIA ECUN	-	-	-
MFIA PIV-5	-	-	-
MFIA CPIL	-	-	-
MFIA Anti-Ig	P	P	P

Serology Profile: MFIA Syrian Hamster Assessment Profile w/ CPIL

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 #: 2022062137

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

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

Notes

Lab. No. 2212H301-2212H303, Location: Conventional Experimental Holding Area, Dexter H.C. Man Building (CA-DMB)

Sample Information

Number	*Code*	*Species*	*Colony*	*Strain*	*Age*	*Sex*
1	2212H301, Rm.E317A	Hamster	n/d	Sentinel/ AURA (Golden Syrian)	Adult	Female
2	2212H302, Rm.E317A	Hamster	n/d	Sentinel/ AURA (Golden Syrian)	Adult	Female
3	2212H303, Rm.E317A	Hamster	n/d	Sentinel/ AURA (Golden Syrian)	Adult	Female

Test Results

Order #: 2022062390

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

10A Sassoon Road
Pokfulam, HK 0 Hong Kong

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

Billing Information

Payment Method

Purchase Order PO#: HKU00038402

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

Details

Sample(s) from: NULL

Collection Date	*Arrival Date*	*Approval Date*
11-Nov-2022	20-Dec-2022	30-Dec-2022

Notes

Lab No.2212F1 & 2212F2, Location: L8-16, Zebrafish Room, Department of Medicine, Laboratory Block

Diagnostic Summary

Test	*Colony*	**Tested**	**+**	**+/-**	**?**	**PDG**
Mycobacterium chelonae PCR UHK Zebrafish Surveillance Plus PCR Panel	n/d	2	**1**	0	0	0
Pseudocapillaria tomentosa PCR UHK Zebrafish Surveillance Plus PCR Panel	n/d	2	**2**	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 #: 2022062390

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

10A Sassoon Road
Pokfulam, HK 0 Hong Kong

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

Notes

Lab No.2212F1 & 2212F2, Location: L8-16, Zebrafish Room, Department of Medicine, Laboratory Block

Molecular Diagnostics: Infectious Disease PCR

Results approved by Peck, DiAnne on 30 Dec 2022

UHK Zebrafish Surveillance Plus PCR Panel

	1 2212F1, Rm.L8-16	2 2212F2, Rm.L8-16
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 haemophilum PCR	-	-
Mycobacterium marinum PCR	-	-
Mycobacterium peregrinum PCR	-	-
Piscinoodinium pillulare PCR	-	-
Pleistophora hyphessobryconis PCR	-	-
Pseudocapillaria tomentosa PCR	+	+
Pseudoloma neurophilia PCR	-	-
Saprolegnia brachydanis PCR	-	-

Remarks

Test Results

Order #: 2022062390

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

10A Sassoon Road
Pokfulam, HK 0 Hong Kong

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

Notes

Lab No.2212F1 & 2212F2, Location: L8-16, Zebrafish Room, Department of Medicine, Laboratory Block

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

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

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

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

Test Results

Order #: 2022062390

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

10A Sassoon Road
Pokfulam, HK 0 Hong Kong

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

Notes

Lab No.2212F1 & 2212F2, Location: L8-16, Zebrafish Room, Department of Medicine, Laboratory Block

Sample Information

Number	*Code*	*Species*	*Colony*	*Strain*	*Age*	*Sex*
1	2212F1, Rm.L8-16	Zebrafish	n/d	Pre-filtration sentinels,	Unknown	
2	2212F2, Rm.L8-16	Zebrafish	n/d	Post-filtration sentinels, Tu-1	~1 year	

Test Results

Order #: 2022062391

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

10A Sassoon Road
Pokfulam, HK 0 Hong Kong

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

Billing Information

Payment Method

Purchase Order PO#: HKU00038402

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

Details

Sample(s) from: NULL

Collection Date	*Arrival Date*	*Approval Date*
15-Nov-2022	20-Dec-2022	03-Jan-2023

Notes

Lab No.2212F4-2212F9, Location: CA-DMB

Diagnostic Summary

Test	*Colony*	**Tested**	**+**	**+/-**	**?**	**PDG**
Aeromonas hydrophila PCR UHK Zebrafish Surveillance Plus PCR Panel	n/d	6	**2**	0	0	0
Mycobacterium chelonae PCR UHK Zebrafish Surveillance Plus PCR Panel	n/d	6	**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 #: 2022062391

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

10A Sassoon Road
Pokfulam, HK 0 Hong Kong

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

Notes

Lab No.2212F4-2212F9, Location: CA-DMB

Molecular Diagnostics: Infectious Disease PCR

Results approved by Magan, Kyria on 03 Jan 2023

UHK Zebrafish Surveillance Plus PCR Panel

	1 2212F4, DMB (Dry Feed)	2 2212F5, Rm.E210_ M4	3 2212F6, Rm.E210_ M3	4 2212F7, Rm.E210_S 4	5 2212F8, Rm.E212_B ZIRC	6 2212F9, Rm.E210_
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 haemophilum PCR	-	-	-	-	-	-
Mycobacterium marinum PCR	-	-	-	-	-	-
Mycobacterium peregrinum PCR	-	-	-	-	-	-
Piscinoodinium pillulare PCR	-	-	-	-	-	-
Pleistophora hyphessobryconis PCR	-	-	-	-	-	-
Pseudocapillaria tomentosa PCR	-	-	-	-	-	-
Pseudoloma neurophilia PCR	-	-	-	-	-	-
Saprolegnia brachydanis PCR	-	-	-	-	-	-

Remarks

Test Results

Order #: 2022062391

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

10A Sassoon Road
Pokfulam, HK 0 Hong Kong

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

Notes

Lab No.2212F4-2212F9, 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.

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

Test Results

Order #: 2022062391

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

10A Sassoon Road
Pokfulam, HK 0 Hong Kong

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

Notes
Lab No.2212F4-2212F9, Location: CA-DMB

Sample Information

Number	*Code*	*Species*	*Colony*	*Strain*	*Age*	*Sex*
1	2212F4, DMB (Dry Feed)	Zebrafish	n/d	Dry Feed		
2	2212F5, Rm.E210_M4	Zebrafish	n/d	AB & TU		
3	2212F6, Rm.E210_M3	Zebrafish	n/d	TU		
4	2212F7, Rm.E210_S4	Zebrafish	n/d	AB & Casper		
5	2212F8, Rm.E212_BZIRC	Zebrafish	n/d	AB & TU		
6	2212F9, Rm.E210_	Zebrafish	n/d	5649-21 Line 32		

Test Results

Order #: 2022062394

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

10A Sassoon Road
Pokfulam, HK 0 Hong Kong

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

Billing Information

Payment Method

Purchase Order PO#: HKU00038402

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

Details

Sample(s) from: NULL

Collection Date	*Arrival Date*	*Approval Date*
18-Nov-2022	20-Dec-2022	03-Jan-2023

Notes

Lab No.2212F10-2212F13, Location: L6-13, Zebrafish Core Facility, Laboratory Block, Li Ka Shing Faculty of Medicine

Diagnostic Summary

Test	*Colony*	Tested	+	+/-	?	PDG
Aeromonas hydrophila PCR UHK Zebrafish Surveillance Plus PCR Panel	n/d	4	1	0	0	0
Pseudocapillaria tomentosa PCR UHK Zebrafish Surveillance Plus PCR Panel	n/d	4	1	0	0	0
Pseudoloma neurophilia PCR UHK Zebrafish Surveillance Plus PCR Panel	n/d	4	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 #: 2022062394

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

10A Sassoon Road
Pokfulam, HK 0 Hong Kong

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

Notes

Lab No.2212F10-2212F13, 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 03 Jan 2023

UHK Zebrafish Surveillance Plus PCR Panel

	1 2212F10, Rm.L6-13	2 2212F11, Rm.L6-13	3 2212F12, Rm.L6-13	4 2212F13, 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 haemophilum PCR	-	-	-	-
Mycobacterium marinum PCR	-	-	-	-
Mycobacterium peregrinum PCR	-	-	-	-
Piscinoodinium pillulare PCR	-	-	-	-
Pleistophora hyphessobryconis PCR	-	-	-	-
Pseudocapillaria tomentosa PCR	+	-	-	-
Pseudoloma neurophilia PCR	-	+	-	-
Saprolegnia brachydanis PCR	-	-	-	-

Remarks

Test Results

Order #: 2022062394

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

10A Sassoon Road
Pokfulam, HK 0 Hong Kong

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

Notes

Lab No.2212F10-2212F13, 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.

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

Test Results

Order #: 2022062394

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

10A Sassoon Road
Pokfulam, HK 0 Hong Kong

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

Notes

Lab No.2212F10-2212F13, Location: L6-13, Zebrafish Core Facility, Laboratory Block, Li Ka Shing Faculty of Medicine

Sample Information

Number	*Code*	*Species*	*Colony*	*Strain*	*Age*	*Sex*
1	2212F10, Rm.L6-13	Zebrafish	n/d	Pre-filtration sentinels, TU		
2	2212F11, Rm.L6-13	Zebrafish	n/d	Post-filtration sentinels, unknown		
3	2212F12, Rm.L6-13	Zebrafish	n/d	Artemia		
4	2212F13, Rm.L6-13	Zebrafish	n/d	Sammary		