

Test Results

Order #: 2022043914

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#: HKU00012538

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

Details

Sample(s) from: NULL

Collection Date	Arrival Date	Approval Date
07-Sep-2022	16-Sep-2022	28-Sep-2022

Notes

Lab. No. AR5B (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. bilis Helicobacter species specific assays	n/d	1	1	0	0	0
H. ganmani Helicobacter species specific assays	n/d	1	1	0	0	0
H. hepaticus UHK Mouse Quarantine PRIA	n/d	1	1	0	0	0
H. hepaticus Helicobacter species specific assays	n/d	1	1	0	0	0
H. mastomyrinus Helicobacter species specific assays	n/d	1	1	0	0	0
H. typhlonius Helicobacter species specific assays	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

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

Diagnostic Summary

Test	Colony	Tested	+	+/-	?	PDG
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
MuCPV PCR (MKPV)	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
R. heyltii 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

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Lab. No. AR5B (Interceptor), Location: Conventional Experimental Holding Area – Laboratory Block, Li Ka Shing
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Molecular Diagnostics: Infectious

Disease PCR

Results approved by Thor, Savin on 28 Sep 2022

UHK Mouse Quarantine PRIA

1
AR5 Zone
B

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	-

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Molecular Diagnostics: Infectious

Disease PCR

Results approved by Thor, Savin on 28 Sep 2022

UHK Mouse Quarantine PRIA (continued)

1
AR5 Zone
B

<i>Helicobacter</i> genus	+
<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. heyltii</i> PCR	+
<i>R. pneumotropicus</i> PCR	+
<i>P. multocida</i> PCR	-
<i>P. mirabilis</i> PCR	+
<i>Salmonella</i> Genus PCR	-
<i>Ps. aeruginosa</i> PCR	-
<i>S. aureus</i> PCR	-
<i>S. moniliformis</i> PCR	-
<i>S. pneumoniae</i> PCR	-
<i>Toxoplasma gondii</i> PCR	-
<i>Y. enterocolitica</i> PCR	-
<i>Y. pseudotuberculosis</i> PCR	-
<i>Cryptosporidium</i> PCR	-
<i>Demodex</i> PCR	+
<i>Giardia</i> PCR	-
<i>E. cuniculi</i> PCR	-
<i>Entamoeba</i> PCR	+
<i>Mite</i> PCR	-
<i>Pinworm</i> PCR	+
<i>Pneumocystis</i> PCR	+
<i>Spironucleus muris</i> PCR	+
<i>Tritrichomonas</i> genus PCR	+
<i>Astrovirus-1</i> PCR	+

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Lab. No. AR5B (Interceptor), Location: Conventional Experimental Holding Area – Laboratory Block, Li Ka Shing
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Molecular Diagnostics: Infectious

Disease PCR

Results approved by Thor, Savin on 28 Sep 2022

UHK Mouse Quarantine PRIA (continued)

1
AR5 Zone
B

Astrovirus-2 PCR	+
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Helicobacter species specific assays

1
AR5 Zone
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
AR5 Zone
B

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

Assays

1
AR5 Zone
B

<i>Chilomastix muris</i> PCR	+
<i>Hexamastix muris</i> PCR	+
<i>MuCPV</i> PCR (MKPV)	+
<i>D. musculi</i> PCR	+

Remarks

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Lab. No. AR5B (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.

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Notes

Lab. No. AR5B (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 B	Mouse	n/d	IVC Sentinel/ ICR (CD-1)		

Test Results

Order #: **2022045014**

LTM Customer ID: 38307
The University of Hong Kong
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Research

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

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

Billing Information

Payment Method

Purchase Order PO#: Covering Invoice for
#2022045014

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

Details

Sample(s) from: NULL

Collection Date
07-Sep-2022

Arrival Date
19-Sep-2022

Approval Date
20-Sep-2022

Notes

Lab. No. 2209H301-2009H303, 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

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

Notes

Lab. No. 2209H301-2009H303, Location: Conventional Experimental Holding Area, Dexter H.C. Man Building (CA-DMB)

Serology

Results approved by Tejada, Rosanilis on 20 Sep 2022

	<u>1</u>	<u>2</u>	<u>3</u>
	2209H301, Rm.E317A	2209H302, Rm.E317A	2209H303, 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).

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Pokfulam, HK 0 Hong Kong
Attn: Ms. Lily Lee

Notes

Lab. No. 2209H301-2009H303, Location: Conventional Experimental Holding Area, Dexter H.C. Man Building (CA-DMB)

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex
1	2209H301, Rm.E317A	Hamster	n/d	Sentinel/ AURA (Golden Syrian)		
2	2209H302, Rm.E317A	Hamster	n/d	Sentinel/ AURA (Golden Syrian)		
3	2209H303, Rm.E317A	Hamster	n/d	Sentinel/ AURA (Golden Syrian)		

Test Results

Order #: **2022043682**

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#: HKU00012538

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

Details

Sample(s) from: NULL

Collection Date
08-Sep-2022

Arrival Date
19-Sep-2022

Approval Date
20-Sep-2022

Notes

Lab. No. 2209M501-2209M502, 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	n/d	2	2	0	0	0
UHK MFIA Mouse Full Profile						

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

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Attn: Ms. Lily Lee

Notes

Lab. No. 2209M501-2209M502, Location: Conventional Experimental Holding Area - Kadoorie Biological Sciences Building (CA-KA)

Serology

Results approved by Tejada, Rosanilis on 20 Sep 2022

1 **2**
2209M501, 2209M502,
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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Attn: Ms. Lily Lee

Notes

Lab. No. 2209M501-2209M502, Location: Conventional Experimental Holding Area - Kadoorie Biological Sciences Building (CA-KA)

MFIA/IFA/ELISA/WIB Results: - = Negative; +/- = Equivocal; + = Moderate to strong positive; TC = Non-specific reaction with tissue control; I = Indeterminate or Inconclusive; IN = result interpreted as non-specific because not confirmed by alternative serologic assay or diagnostic methodology for other serologic assays, PDG = pending, QNS = Quantity not sufficient. The anti-immunoglobulin (Anti-Ig) MFIA verifies that a serum specimen contains a sufficient concentration of immunoglobulin to be suitable for serologic testing. A result of P (for Pass) corresponds to a median fluorescence index (MFI) at or above the Anti-Ig assay cutoff, typically ≥ 7000 . An Anti-Ig assay result of F (for Fail), assigned if the MFI is below the cutoff, might occur because the sample was received too dilute, was collected from an immunocompromised host or was from a species other than the one for which the MFIA is intended. If a sample fails the Anti-Ig MFIA, then negative and borderline results in MFIA for microbial antibodies are considered I (for inconclusive).

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Notes

Lab. No. 2209M501-2209M502, Location: Conventional Experimental Holding Area - Kadoorie Biological Sciences Building
(CA-KA)

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex
1	2209M501, Rm.8S22	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female
2	2209M502, Rm.8S22	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female