

Test Results

Order #: **2023030826**

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
#2023030826

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

Details

Sample(s) from: NULL

Collection Date
27-Apr-2023

Arrival Date
08-Jun-2023

Approval Date
15-Jun-2023

Notes

Lab. No. 2304T301(2023ICR), Location: SPFBA, Sample Types: Body / Fur Swab, Fecal Pellet, Oral Swab

Diagnostic Summary

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

+ = 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.

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261 Ballardvale Street
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Wilmington MA 01887 USA

10A Sassoon Road
Pokfulam, HK 0 Hong Kong

Notes

Lab. No. 2304T301(2023ICR), Location: SPFBA, Sample Types: Body / Fur Swab, Fecal Pellet, Oral Swab

Molecular Diagnostics: Infectious

Disease PCR

Results approved by Peck, DiAnne on 15 Jun 2023

UHK Mouse Quarantine PRIA

1
2304T301,
Rm.212
(2023ICR)

<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>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>Filobacterium rodentium (CAR Bacillus) PCR</i>	-
<i>C. rodentium PCR</i>	-
<i>C. piliforme PCR</i>	-
<i>C. bovis PCR</i>	-
<i>C. kutscheri PCR</i>	-

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Notes

Lab. No. 2304T301(2023ICR), Location: SPFBA, Sample Types: Body / Fur Swab, Fecal Pellet, Oral Swab

Molecular Diagnostics: Infectious

Disease PCR

Results approved by Peck, DiAnne on 15 Jun 2023

UHK Mouse Quarantine PRIA (continued)

1
2304T301,
Rm.212
(2023ICR)

<i>Helicobacter genus PCR</i>	-
<i>H. bilis</i>	-
<i>H. hepaticus</i>	-
<i>K. oxytoca PCR</i>	-
<i>K. pneumoniae PCR</i>	-
<i>K Virus PCR</i>	-
<i>M. pulmonis PCR</i>	-
<i>R. heylii PCR</i>	-
<i>R. pneumotropicus PCR</i>	-
<i>P. multocida PCR</i>	-
<i>P. mirabilis PCR</i>	-
<i>Salmonella Genus PCR</i>	-
<i>Ps. aeruginosa PCR</i>	-
<i>S. aureus PCR</i>	-
<i>S. moniliformis PCR</i>	-
<i>S. pneumoniae PCR</i>	-
<i>Toxoplasma gondii PCR</i>	-
<i>Y. enterocolitica PCR</i>	-
<i>Y. pseudotuberculosis PCR</i>	-
<i>Cryptosporidium PCR</i>	-
<i>Demodex PCR</i>	-
<i>Giardia PCR</i>	-
<i>E. cuniculi PCR</i>	-
<i>Entamoeba PCR</i>	-
<i>Mite PCR</i>	-
<i>Pinworm PCR</i>	-
<i>Pneumocystis PCR</i>	-
<i>Spirochete muris PCR</i>	-
<i>Trichomonas genus PCR</i>	-
<i>Astrovirus-1 PCR</i>	+

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Pokfulam, HK 0 Hong Kong

Notes

Lab. No. 2304T301(2023ICR), Location: SPFBA, Sample Types: Body / Fur Swab, Fecal Pellet, Oral Swab

Molecular Diagnostics: Infectious

Disease PCR

Results approved by Peck, DiAnne on 15 Jun 2023

UHK Mouse Quarantine PRIA (continued)

1

2304T301,
Rm.212
(2023ICR)

Astrovirus-2 PCR	-
Chilomastix muris PCR	-
Hexamastix muris PCR	-
MuCPV PCR (MKPV)	-

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. 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.

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Wilmington MA 01887 USA

10A Sassoon Road
Pokfulam, HK 0 Hong Kong

Notes

Lab. No. 2304T301(2023ICR), Location: SPFBA, Sample Types: Body / Fur Swab, Fecal Pellet, Oral Swab

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex
1	2304T301, Rm.212 (2023ICR)	Mouse	n/d	2023ICR		

Test Results

Order #: **2023031187**

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
#2023031187

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

Details

Sample(s) from: NULL

Collection Date
27-Apr-2023

Arrival Date
08-Jun-2023

Approval Date
20-Jun-2023

Notes

Lab. No. 2304T302 (2023ICR), Location: SPFBA, Sample Types: Body / Fur Swab, Fecal Pellet, Oral Swab

Diagnostic Summary

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

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

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Pokfulam, HK 0 Hong Kong

Notes

Lab. No. 2304T302 (2023ICR), Location: SPFBA, Sample Types: Body / Fur Swab, Fecal Pellet, Oral Swab

Molecular Diagnostics: Infectious

Disease PCR

Results approved by Magan, Kyria on 20 Jun 2023

UHK Mouse Quarantine PRIA

1
2304T302,
Rm.212
(2023ICR)

<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>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>Filobacterium rodentium (CAR Bacillus) PCR</i>	-
<i>C. rodentium PCR</i>	-
<i>C. piliforme PCR</i>	-
<i>C. bovis PCR</i>	-
<i>C. kutscheri PCR</i>	-

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Notes

Lab. No. 2304T302 (2023ICR), Location: SPFBA, Sample Types: Body / Fur Swab, Fecal Pellet, Oral Swab

Molecular Diagnostics: Infectious

Disease PCR

Results approved by Magan, Kyria on 20 Jun 2023

UHK Mouse Quarantine PRIA (continued)

1

2304T302,
Rm.212
(2023ICR)

<i>Helicobacter genus PCR</i>	-
<i>H. bilis</i>	-
<i>H. hepaticus</i>	-
<i>K. oxytoca PCR</i>	-
<i>K. pneumoniae PCR</i>	-
<i>K Virus PCR</i>	-
<i>M. pulmonis PCR</i>	-
<i>R. heylii PCR</i>	-
<i>R. pneumotropicus PCR</i>	-
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<i>Ps. aeruginosa PCR</i>	-
<i>S. aureus PCR</i>	-
<i>S. moniliformis PCR</i>	-
<i>S. pneumoniae PCR</i>	-
<i>Toxoplasma gondii PCR</i>	-
<i>Y. enterocolitica PCR</i>	-
<i>Y. pseudotuberculosis PCR</i>	-
<i>Cryptosporidium PCR</i>	-
<i>Demodex PCR</i>	-
<i>Giardia PCR</i>	-
<i>E. cuniculi PCR</i>	-
<i>Entamoeba PCR</i>	-
<i>Mite PCR</i>	-
<i>Pinworm PCR</i>	-
<i>Pneumocystis PCR</i>	-
<i>Spirochete muris PCR</i>	-
<i>Trichomonas genus PCR</i>	-
<i>Astrovirus-1 PCR</i>	+

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Notes

Lab. No. 2304T302 (2023ICR), Location: SPFBA, Sample Types: Body / Fur Swab, Fecal Pellet, Oral Swab

Molecular Diagnostics: Infectious

Disease PCR

Results approved by Magan, Kyria on 20 Jun 2023

UHK Mouse Quarantine PRIA (continued)

1

2304T302,
Rm.212
(2023ICR)

Astrovirus-2 PCR	-
Chilomastix muris PCR	-
Hexamastix muris PCR	-
MuCPV PCR (MKPV)	-

Remarks

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

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Pokfulam, HK 0 Hong Kong

Notes

Lab. No. 2304T302 (2023ICR), Location: SPFBA, Sample Types: Body / Fur Swab, Fecal Pellet, Oral Swab

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex
1	2304T302, Rm.212 (2023ICR)	Mouse	n/d	2023ICR		

Test Results

Order #: **2023031375**

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
#2023031375

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

Details

Sample(s) from: NULL

Collection Date
01-Jun-2023

Arrival Date
09-Jun-2023

Approval Date
12-Jun-2023

Notes

Lab. No. 2305T1-2305T3, Location: Specific Pathogen Free Breeding Area- (SPFBA)

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 #: **2023031375**

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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. 2305T1-2305T3, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Serology

Results approved by Wunderlich, Janet on 12 Jun 2023

	<u>1</u> 2305T1, Rm.212	<u>2</u> 2305T2, Rm.212	<u>3</u> 2305T3, Rm.212
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

Serology Profile: UHK MFIA Mouse Full Profile

Remarks

Test Results

Order #: **2023031375**

LTM Customer ID: 38307
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Charles River Research Animal Diagnostic Services
(CR RADS)
261 Ballardvale Street
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Notes

Lab. No. 2305T1-2305T3, Location: Specific Pathogen Free Breeding Area– (SPFBA)

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 #: **2023031375**

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Pokfulam, HK 0 Hong Kong

Notes

Lab. No. 2305T1-2305T3, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex
1	2305T1, Rm.212	Mouse	n/d	Sentinel/ 2023ICR (CD-1)		Female
2	2305T2, Rm.212	Mouse	n/d	Sentinel/ 2023ICR (CD-1)		Female
3	2305T3, Rm.212	Mouse	n/d	Sentinel/ 2023ICR (CD-1)		Female

Test Results

Order #: **2023031590**

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
#2023031590

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

Details

Sample(s) from: NULL

Collection Date

31-May-2023

Arrival Date

08-Jun-2023

Approval Date

21-Jun-2023

Notes

Lab. No. 2305T101-2305T104, Location: Specific Pathogen Free Breeding Area (SPFBA)

Diagnostic Summary

Test	Colony	Tested	+	+/-	?	PDG
Astrovirus-1 PCR	n/d	4	4	0	0	0

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

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Test Results

Order #: **2023031590**

LTM Customer ID: 38307
The University of Hong Kong
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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. 2305T101-2305T104, Location: Specific Pathogen Free Breeding Area (SPFBA)

Molecular Diagnostics: Infectious

Disease PCR

Results approved by Magan, Kyria on 21 Jun 2023

Assays

	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
	2305T101, Rm.212 (IVC 2023ICR)	2305T102, Rm.204 (IVC Nude)	2305T103, Rm.204 (IVC SCID)	2305T104, Rm.206 (IVC Nude)
Astrovirus-1 PCR	+	+	+	+

Remarks

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Order #: **2023031590**

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261 Ballardvale Street
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10A Sassoon Road
Pokfulam, HK 0 Hong Kong

Notes

Lab. No. 2305T101-2305T104, Location: Specific Pathogen Free Breeding Area (SPFBA)

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex
1	2305T101, Rm.212 (IVC 2023ICR)	Mouse	n/d	IVC 2023ICR (Sentinel & Resident)		
2	2305T102, Rm.204 (IVC Nude)	Mouse	n/d	IVC Nude (Resident)		
3	2305T103, Rm.204 (IVC SCID)	Mouse	n/d	IVC SCID (Resident)		
4	2305T104, Rm.206 (IVC Nude)	Mouse	n/d	IVC Nude (Resident)		

Test Results

Order #: **2023031372**

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
#2023031372

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

Details

Sample(s) from: NULL

Collection Date

31-May-2023

Arrival Date

08-Jun-2023

Approval Date

23-Jun-2023

Notes

Lab. No. 2305H1 (Rm.201, Hamster), Location: SPFBA, Sample Types: Body / Fur Swab, Fecal Pellet, Oral Swab

Diagnostic Summary

Test	Colony	Tested	+	+/-	?	PDG
Demodex PCR UHK Hamster Surveillance Plus PRIA	n/d	1	1	0	0	0
P. mirabilis PCR UHK Hamster Surveillance Plus PRIA	n/d	1	1	0	0	0
Pasteurellaceae PCR UHK Hamster Surveillance Plus PRIA	n/d	1	1	0	0	0
S. aureus PCR UHK Hamster Surveillance Plus PRIA	n/d	1	1	0	0	0

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

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Test Results

Order #: **2023031372**

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. 2305H1 (Rm.201, Hamster), Location: SPFBA, Sample Types: Body / Fur Swab, Fecal Pellet, Oral Swab

Molecular Diagnostics: Infectious

Disease PCR

Results approved by Magan, Kyria on 23 Jun 2023

UHK Hamster Surveillance Plus PRIA

1
2305H1,
(Rm.201)

Group A Rotavirus	-
Hamster Parvovirus	-
LCMV PCR	-
POLY PCR	-
PVM PCR	-
REO PCR	-
Sarbecovirus (SARS Virus) 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	-
Campylobacter Genus PCR	-
C. bovis PCR	-
C. kutscheri PCR	-
C. piliforme PCR	-
Helicobacter genus PCR	-
K. oxytoca PCR	-
K. pneumoniae PCR	-
Lawsonia PCR	-
Pasteurellaceae PCR	+
P. multocida PCR	-
R. heyltii PCR	-
R. pneumotropicus PCR	-
P. mirabilis PCR	+
Ps. aeruginosa PCR	-
Salmonella Genus PCR	-
S. aureus PCR	+
S. pneumoniae PCR	-

Test Results

Order #: **2023031372**

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. 2305H1 (Rm.201, Hamster), Location: SPFBA, Sample Types: Body / Fur Swab, Fecal Pellet, Oral Swab

Molecular Diagnostics: Infectious

Disease PCR

Results approved by Magan, Kyria on 23 Jun 2023

UHK Hamster Surveillance Plus PRIA (continued)

1
2305H1,
(Rm.201)

Cryptosporidium PCR	-
Demodex PCR	+
Entamoeba PCR	-
E. cuniculi PCR	-
Giardia PCR	-
Mite PCR	-
Pinworm PCR	-
Spirochete PCR	-

Assays

1
2305H1,
(Rm.201)

D. musculi PCR	-
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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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Test Results

Order #: **2023031372**

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. 2305H1 (Rm.201, Hamster), Location: SPFBA, Sample Types: Body / Fur Swab, Fecal Pellet, Oral Swab

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex
1	2305H1, (Rm.201)	Hamster	n/d	Sentinel/ AURA (Golden Syrian)		

Test Results

Order #: **2023031186**

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
#2023031186

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

Details

Sample(s) from: NULL

Collection Date

29-May-2023

Arrival Date

08-Jun-2023

Approval Date

20-Jun-2023

Notes

Lab. No. 2306M31 (Interceptor), Location: Specific Pathogen Free Breeding Area- (SPFBA)

Diagnostic Summary

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

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

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

Test Results

Order #: **2023031186**

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. 2306M31 (Interceptor), Location: Specific Pathogen Free Breeding Area– (SPFBA)

Molecular Diagnostics: Infectious

Disease PCR

Results approved by Magan, Kyria on 20 Jun 2023

UHK Mouse Quarantine PRIA

1
2306M31,
Rm.204
(IVC Nude)

<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>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>Filobacterium rodentium (CAR Bacillus) PCR</i>	-
<i>C. rodentium PCR</i>	-
<i>C. piliforme PCR</i>	-
<i>C. bovis PCR</i>	-
<i>C. kutscheri PCR</i>	-

Test Results

Order #: **2023031186**

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. 2306M31 (Interceptor), Location: Specific Pathogen Free Breeding Area- (SPFBA)

Molecular Diagnostics: Infectious

Disease PCR

Results approved by Magan, Kyria on 20 Jun 2023

UHK Mouse Quarantine PRIA (continued)

1
2306M31,
Rm.204
(IVC Nude)

<i>Helicobacter genus PCR</i>	-
<i>H. bilis</i>	-
<i>H. hepaticus</i>	-
<i>K. oxytoca PCR</i>	-
<i>K. pneumoniae PCR</i>	-
<i>K Virus PCR</i>	-
<i>M. pulmonis PCR</i>	-
<i>R. heylii PCR</i>	-
<i>R. pneumotropicus PCR</i>	-
<i>P. multocida PCR</i>	-
<i>P. mirabilis PCR</i>	-
<i>Salmonella Genus PCR</i>	-
<i>Ps. aeruginosa PCR</i>	-
<i>S. aureus PCR</i>	-
<i>S. moniliformis PCR</i>	-
<i>S. pneumoniae PCR</i>	-
<i>Toxoplasma gondii PCR</i>	-
<i>Y. enterocolitica PCR</i>	-
<i>Y. pseudotuberculosis PCR</i>	-
<i>Cryptosporidium PCR</i>	-
<i>Demodex PCR</i>	-
<i>Giardia PCR</i>	-
<i>E. cuniculi PCR</i>	-
<i>Entamoeba PCR</i>	-
<i>Mite PCR</i>	-
<i>Pinworm PCR</i>	-
<i>Pneumocystis PCR</i>	-
<i>Spirochete muris PCR</i>	-
<i>Trichomonas genus PCR</i>	-
<i>Astrovirus-1 PCR</i>	+

Test Results

Order #: **2023031186**

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. 2306M31 (Interceptor), Location: Specific Pathogen Free Breeding Area– (SPFBA)

Molecular Diagnostics: Infectious

Disease PCR

Results approved by Magan, Kyria on 20 Jun 2023

UHK Mouse Quarantine PRIA (continued)

1

2306M31,
Rm.204
(IVC Nude)

Astrovirus-2 PCR	-
Chilomastix muris PCR	-
Hexamastix muris PCR	-
MuCPV PCR (MKPV)	-

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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Test Results

Order #: **2023031186**

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
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Wilmington MA 01887 USA

10A Sassoon Road
Pokfulam, HK 0 Hong Kong

Notes

Lab. No. 2306M31 (Interceptor), Location: Specific Pathogen Free Breeding Area- (SPFBA)

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex
1	2306M31, Rm.204 (IVC Nude)	Mouse	n/d	IVC Nude		

Test Results

Order #: **2023031188**

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
#2023031188

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

Details

Sample(s) from: NULL

Collection Date

29-May-2023

Arrival Date

08-Jun-2023

Approval Date

15-Jun-2023

Notes

Lab. No. 2306M32 (Interceptor), Location: Specific Pathogen Free Breeding Area- (SPFBA)

Diagnostic Summary

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

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

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Test Results

Order #: **2023031188**

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The University of Hong Kong
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Research

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

10A Sassoon Road
Pokfulam, HK 0 Hong Kong

Notes

Lab. No. 2306M32 (Interceptor), Location: Specific Pathogen Free Breeding Area- (SPFBA)

Molecular Diagnostics: Infectious

Disease PCR

Results approved by Peck, DiAnne on 15 Jun 2023

UHK Mouse Quarantine PRIA

1
2306M32,
Rm.204
(IVC SCID)

<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>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>Filobacterium rodentium (CAR Bacillus) PCR</i>	-
<i>C. rodentium PCR</i>	-
<i>C. piliforme PCR</i>	-
<i>C. bovis PCR</i>	-
<i>C. kutscheri PCR</i>	-

Test Results

Order #: **2023031188**

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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. 2306M32 (Interceptor), Location: Specific Pathogen Free Breeding Area- (SPFBA)

Molecular Diagnostics: Infectious

Disease PCR

Results approved by Peck, DiAnne on 15 Jun 2023

UHK Mouse Quarantine PRIA (continued)

1
2306M32,
Rm.204
(IVC SCID)

<i>Helicobacter genus PCR</i>	-
<i>H. bilis</i>	-
<i>H. hepaticus</i>	-
<i>K. oxytoca PCR</i>	-
<i>K. pneumoniae PCR</i>	-
<i>K Virus PCR</i>	-
<i>M. pulmonis PCR</i>	-
<i>R. heylII PCR</i>	-
<i>R. pneumotropicus PCR</i>	-
<i>P. multocida PCR</i>	-
<i>P. mirabilis PCR</i>	-
<i>Salmonella Genus PCR</i>	-
<i>Ps. aeruginosa PCR</i>	-
<i>S. aureus PCR</i>	-
<i>S. moniliformis PCR</i>	-
<i>S. pneumoniae PCR</i>	-
<i>Toxoplasma gondii PCR</i>	-
<i>Y. enterocolitica PCR</i>	-
<i>Y. pseudotuberculosis PCR</i>	-
<i>Cryptosporidium PCR</i>	-
<i>Demodex PCR</i>	-
<i>Giardia PCR</i>	-
<i>E. cuniculi PCR</i>	-
<i>Entamoeba PCR</i>	-
<i>Mite PCR</i>	-
<i>Pinworm PCR</i>	-
<i>Pneumocystis PCR</i>	-
<i>Spirochete muris PCR</i>	-
<i>Trichomonas genus PCR</i>	-
<i>Astrovirus-1 PCR</i>	+

Test Results

Order #: **2023031188**

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. 2306M32 (Interceptor), Location: Specific Pathogen Free Breeding Area– (SPFBA)

Molecular Diagnostics: Infectious

Disease PCR

Results approved by Peck, DiAnne on 15 Jun 2023

UHK Mouse Quarantine PRIA (continued)

1

2306M32,
Rm.204
(IVC SCID)

Astrovirus-2 PCR	-
Chilomastix muris PCR	-
Hexamastix muris PCR	-
MuCPV PCR (MKPV)	-

Remarks

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Test Results

Order #: **2023031188**

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. 2306M32 (Interceptor), Location: Specific Pathogen Free Breeding Area- (SPFBA)

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex
1	2306M32, Rm.204 (IVC SCID)	Mouse	n/d	IVC SCID		

Test Results

Order #: **2023031189**

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
#2023031189

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

Details

Sample(s) from: NULL

Collection Date

29-May-2023

Arrival Date

08-Jun-2023

Approval Date

15-Jun-2023

Notes

Lab. No. 2306M33 (Interceptor), Location: Specific Pathogen Free Breeding Area- (SPFBA)

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 #: **2023031189**

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The University of Hong Kong
U Hong Kong Ctr for Comparative Med
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261 Ballardvale Street
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Wilmington MA 01887 USA

10A Sassoon Road
Pokfulam, HK 0 Hong Kong

Notes

Lab. No. 2306M33 (Interceptor), Location: Specific Pathogen Free Breeding Area– (SPFBA)

Molecular Diagnostics: Infectious

Disease PCR

Results approved by Thor, Savin on 15 Jun 2023

UHK Mouse Quarantine PRIA

1
2306M33,
Rm.205
(IVC ICR)

<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>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>Filobacterium rodentium (CAR Bacillus) PCR</i>	-
<i>C. rodentium PCR</i>	-
<i>C. piliforme PCR</i>	-
<i>C. bovis PCR</i>	-
<i>C. kutscheri PCR</i>	-

Test Results

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Notes

Lab. No. 2306M33 (Interceptor), Location: Specific Pathogen Free Breeding Area- (SPFBA)

Molecular Diagnostics: Infectious

Disease PCR

Results approved by Thor, Savin on 15 Jun 2023

UHK Mouse Quarantine PRIA (continued)

1

2306M33,
Rm.205
(IVC ICR)

<i>Helicobacter genus PCR</i>	-
<i>H. bilis</i>	-
<i>H. hepaticus</i>	-
<i>K. oxytoca PCR</i>	-
<i>K. pneumoniae PCR</i>	-
<i>K Virus PCR</i>	-
<i>M. pulmonis PCR</i>	-
<i>R. heylii PCR</i>	-
<i>R. pneumotropicus PCR</i>	-
<i>P. multocida PCR</i>	-
<i>P. mirabilis PCR</i>	-
<i>Salmonella Genus PCR</i>	-
<i>Ps. aeruginosa PCR</i>	-
<i>S. aureus PCR</i>	-
<i>S. moniliformis PCR</i>	-
<i>S. pneumoniae PCR</i>	-
<i>Toxoplasma gondii PCR</i>	-
<i>Y. enterocolitica PCR</i>	-
<i>Y. pseudotuberculosis PCR</i>	-
<i>Cryptosporidium PCR</i>	-
<i>Demodex PCR</i>	-
<i>Giardia PCR</i>	-
<i>E. cuniculi PCR</i>	-
<i>Entamoeba PCR</i>	-
<i>Mite PCR</i>	-
<i>Pinworm PCR</i>	-
<i>Pneumocystis PCR</i>	-
<i>Spirochete muris PCR</i>	-
<i>Trichomonas genus PCR</i>	-
<i>Astrovirus-1 PCR</i>	-

Test Results

Order #: **2023031189**

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. 2306M33 (Interceptor), Location: Specific Pathogen Free Breeding Area– (SPFBA)

Molecular Diagnostics: Infectious

Disease PCR

Results approved by Thor, Savin on 15 Jun 2023

UHK Mouse Quarantine PRIA (continued)

1

2306M33,
Rm.205
(IVC ICR)

Astrovirus-2 PCR	-
Chilomastix muris PCR	-
Hexamastix muris PCR	-
MuCPV PCR (MKPV)	-

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. 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.

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Test Results

Order #: **2023031189**

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. 2306M33 (Interceptor), Location: Specific Pathogen Free Breeding Area- (SPFBA)

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex
1	2306M33, Rm.205 (IVC ICR)	Mouse	n/d	IVC ICR		

Test Results

Order #: **2023031190**

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
#2023031190

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

Details

Sample(s) from: NULL

Collection Date

29-May-2023

Arrival Date

08-Jun-2023

Approval Date

16-Jun-2023

Notes

Lab. No. 2306M34 (Interceptor), Location: Specific Pathogen Free Breeding Area- (SPFBA)

Diagnostic Summary

Test	Colony	Tested	+	+/-	?	PDG
Astrovirus-1 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

+ = 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 #: **2023031190**

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. 2306M34 (Interceptor), Location: Specific Pathogen Free Breeding Area- (SPFBA)

Molecular Diagnostics: Infectious

Disease PCR

Results approved by Thor, Savin on 16 Jun 2023

UHK Mouse Quarantine PRIA

1
2306M34,
Rm.206
(IVC Nude)

<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>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>Filobacterium rodentium (CAR Bacillus) PCR</i>	-
<i>C. rodentium PCR</i>	-
<i>C. piliforme PCR</i>	-
<i>C. bovis PCR</i>	-
<i>C. kutscheri PCR</i>	-

Test Results

Order #: **2023031190**

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. 2306M34 (Interceptor), Location: Specific Pathogen Free Breeding Area- (SPFBA)

Molecular Diagnostics: Infectious

Disease PCR

Results approved by Thor, Savin on 16 Jun 2023

UHK Mouse Quarantine PRIA (continued)

1
2306M34,
Rm.206
(IVC Nude)

<i>Helicobacter genus PCR</i>	-
<i>H. bilis</i>	-
<i>H. hepaticus</i>	-
<i>K. oxytoca PCR</i>	-
<i>K. pneumoniae PCR</i>	-
<i>K Virus PCR</i>	-
<i>M. pulmonis PCR</i>	-
<i>R. heylii PCR</i>	-
<i>R. pneumotropicus PCR</i>	-
<i>P. multocida PCR</i>	-
<i>P. mirabilis PCR</i>	+
<i>Salmonella Genus PCR</i>	-
<i>Ps. aeruginosa PCR</i>	-
<i>S. aureus PCR</i>	-
<i>S. moniliformis PCR</i>	-
<i>S. pneumoniae PCR</i>	-
<i>Toxoplasma gondii PCR</i>	-
<i>Y. enterocolitica PCR</i>	-
<i>Y. pseudotuberculosis PCR</i>	-
<i>Cryptosporidium PCR</i>	-
<i>Demodex PCR</i>	-
<i>Giardia PCR</i>	-
<i>E. cuniculi PCR</i>	-
<i>Entamoeba PCR</i>	-
<i>Mite PCR</i>	-
<i>Pinworm PCR</i>	-
<i>Pneumocystis PCR</i>	-
<i>Spirochete muris PCR</i>	-
<i>Trichomonas genus PCR</i>	-
<i>Astrovirus-1 PCR</i>	+

Test Results

Order #: **2023031190**

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. 2306M34 (Interceptor), Location: Specific Pathogen Free Breeding Area– (SPFBA)

Molecular Diagnostics: Infectious

Disease PCR

Results approved by Thor, Savin on 16 Jun 2023

UHK Mouse Quarantine PRIA (continued)

1

2306M34,
Rm.206
(IVC Nude)

Astrovirus-2 PCR	-
Chilomastix muris PCR	-
Hexamastix muris PCR	-
MuCPV PCR (MKPV)	-

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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Test Results

Order #: **2023031190**

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. 2306M34 (Interceptor), Location: Specific Pathogen Free Breeding Area– (SPFBA)

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex
1	2306M34, Rm.206 (IVC Nude)	Mouse	n/d	IVC Nude		

Test Results

Order #: **2023040520**

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

No bill

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

Details

Sample(s) from: NULL

Collection Date

03-Aug-2023

Arrival Date

10-Aug-2023

Approval Date

15-Aug-2023

Notes

#Test gratis for #2023031190

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 #: **2023040520**

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

#Test gratis for #2023031190

Molecular Diagnostics: Infectious

Disease PCR

Results approved by Peck, DiAnne on 15 Aug 2023

Assays

	1 2306M34B, Rm.206
P. mirabilis PCR	-

Remarks

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

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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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Test Results

Order #: **2023040520**

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

#Test gratis for #2023031190

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex
1	2306M34B, Rm.206	Mouse	n/d	IVC Nude		

Test Results

Order #: **2023031588**

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
#2023031588

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

Details

Sample(s) from: NULL

Collection Date

24-May-2023

Arrival Date

08-Jun-2023

Approval Date

21-Jun-2023

Notes

Lab. No. 2306M35-2306M37, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Diagnostic Summary

Test	Colony	Tested	+	+/-	?	PDG
Clostridioides difficile - Binary Toxin (CDT)	n/d	2	2	0	0	0
Clostridioides difficile Toxin Panel						
Clostridioides difficile - Toxin A	n/d	2	2	0	0	0
Clostridioides difficile Toxin Panel						
Clostridioides difficile - Toxin B	n/d	2	2	0	0	0
Clostridioides difficile Toxin Panel						
Clostridium difficile PCR	n/d	3	2	0	0	0

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

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Test Results

Order #: **2023031588**

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. 2306M35-2306M37, Location: Specific Pathogen Free Breeding Area– (SPFBA)

Molecular Diagnostics: Infectious

Disease PCR

Results approved by Magan, Kyria on 21 Jun 2023

Clostridioides difficile Toxin Panel

	<u>2</u> 2306M36, Rm.208	<u>3</u> 2306M37, Rm.209
<i>Clostridioides difficile</i> - Toxin A	+	+
<i>Clostridioides difficile</i> - Toxin B	+	+
<i>Clostridioides difficile</i> - Binary Toxin (CDT)	+	+

Assays

	<u>1</u> 2306M35, Rm.207	<u>2</u> 2306M36, Rm.208	<u>3</u> 2306M37, Rm.209
<i>Clostridium difficile</i> PCR	-	+	+

Remarks

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

An equivocal result indicates inconsistent amplification detected by real-time PCR.

Inconclusive indicates failure of control result.

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Test Results

Order #: **2023031588**

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. 2306M35-2306M37, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex
1	2306M35, Rm.207	Mouse	n/d	C57		
2	2306M36, Rm.208	Mouse	n/d	C57		
3	2306M37, Rm.209	Mouse	n/d	C57		

Test Results

Order #: **2023031589**

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
None specified

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

Details

Sample(s) from: NULL

Collection Date
22-May-2023

Arrival Date
08-Jun-2023

Approval Date
14-Jun-2023

Notes

Test gratis for #2023015508 & #2023019684

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 #: **2023031589**

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

Test gratis for #2023015508 & #2023019684

Molecular Diagnostics: Infectious Disease PCR

Results approved by Thor, Savin on 14 Jun 2023

Assays

	1
	2306M38
	(2303M33b)
	, Rm.205
	(IVC
	2020ICR)
Astrovirus-1 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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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 #: **2023031589**

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

Test gratis for #2023015508 & #2023019684

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex
1	2306M38 (2303M33b), Rm.205 (IVC 2020ICR)	Mouse	n/d	IVC 2020ICR		

Test Results

Order #: **2023031400**

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
#2023031400

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

Details

Sample(s) from: NULL

Collection Date
29-May-2023

Arrival Date
09-Jun-2023

Approval Date
13-Jun-2023

Notes

Lab. No. 2306M1-2306M6, 2306M10-2306M18, Location: Specific Pathogen Free Breeding Area- (SPFBA)

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 #: **2023031400**

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. 2306M1-2306M6, 2306M10-2306M18, Location: Specific Pathogen Free Breeding Area– (SPFBA)

Serology

Results approved by Cintolo, Alex on 13 Jun 2023

	<u>1</u> 2306M1, Rm.207	<u>2</u> 2306M2, Rm.207	<u>3</u> 2306M3, Rm.207	<u>4</u> 2306M4, Rm.208	<u>5</u> 2306M5, Rm.208	<u>6</u> 2306M6, Rm.208	<u>7</u> 2306M10, Rm.209	<u>8</u> 2306M11, Rm.209	<u>9</u> 2306M12, Rm.209	<u>10</u> 2306M13, Rm.214
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>11</u> 2306M14, Rm.214	<u>12</u> 2306M15, Rm.214	<u>13</u> 2306M16, Rm.215	<u>14</u> 2306M17, Rm.215	<u>15</u> 2306M18, Rm.215
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

Serology Profile: UHK MFIA Mouse 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).

Test Results

Order #: **2023031400**

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. 2306M1-2306M6, 2306M10-2306M18, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex
1	2306M1, Rm.207	Mouse	n/d	Sentinel/ CBA/Ca	Adult	Female
2	2306M2, Rm.207	Mouse	n/d	Sentinel/ CBA/Ca	Adult	Female
3	2306M3, Rm.207	Mouse	n/d	Sentinel/ CBA/Ca	Adult	Female
4	2306M4, Rm.208	Mouse	n/d	Sentinel/ CBA/Ca	Adult	Female
5	2306M5, Rm.208	Mouse	n/d	Sentinel/ CBA/Ca	Adult	Female
6	2306M6, Rm.208	Mouse	n/d	Sentinel/ CBA/Ca	Adult	Female
7	2306M10, Rm.209	Mouse	n/d	Sentinel/ CBA/Ca	Adult	Female
8	2306M11, Rm.209	Mouse	n/d	Sentinel/ CBA/Ca	Adult	Female
9	2306M12, Rm.209	Mouse	n/d	Sentinel/ CBA/Ca	Adult	Female
10	2306M13, Rm.214	Mouse	n/d	Sentinel/ BALB/c	Adult	Female
11	2306M14, Rm.214	Mouse	n/d	Sentinel/ BALB/c	Adult	Female
12	2306M15, Rm.214	Mouse	n/d	Sentinel/ BALB/c	Adult	Female
13	2306M16, Rm.215	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female
14	2306M17, Rm.215	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female
15	2306M18, Rm.215	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female

Test Results

Order #: **2023031412**

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
#2023031412

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

Details

Sample(s) from: NULL

Collection Date

25-May-2023

Arrival Date

09-Jun-2023

Approval Date

12-Jun-2023

Notes

Lab. No. 2306R1-2306R9, Location: Specific Pathogen Free Breeding Area- (SPFBA)

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 #: 2023031412

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. 2306R1-2306R9, Location: Specific Pathogen Free Breeding Area– (SPFBA)

Serology

Results approved by Estevez, Rebecca on 12 Jun 2023

	<u>1</u> 2306R1, Rm.220	<u>2</u> 2306R2, Rm.220	<u>3</u> 2306R3, Rm.220	<u>4</u> 2306R4, Rm.222	<u>5</u> 2306R5, Rm.222	<u>6</u> 2306R6, Rm.222	<u>7</u> 2306R7, Rm.232	<u>8</u> 2306R8, Rm.232	<u>9</u> 2306R9, Rm.232
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 2)	-	-	-	-	-	-	-	-	-
MFIA Anti-Ig	P	P	P	P	P	P	P	P	P

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).

Test Results

Order #: 2023031412

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. 2306R1-2306R9, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex
1	2306R1, Rm.220	Rat	n/d	Sentinel/ CD(SD)IGS (Sprague Dawley)	Adult	Female
2	2306R2, Rm.220	Rat	n/d	Sentinel/ CD(SD)IGS (Sprague Dawley)	Adult	Female
3	2306R3, Rm.220	Rat	n/d	Sentinel/ CD(SD)IGS (Sprague Dawley)	Adult	Female
4	2306R4, Rm.222	Rat	n/d	Sentinel/ CD(SD)IGS (Sprague Dawley)	Adult	Female
5	2306R5, Rm.222	Rat	n/d	Sentinel/ CD(SD)IGS (Sprague Dawley)	Adult	Female
6	2306R6, Rm.222	Rat	n/d	Sentinel/ CD(SD)IGS (Sprague Dawley)	Adult	Female
7	2306R7, Rm.232	Rat	n/d	Sentinel/ CD(SD)IGS (Sprague Dawley)	Adult	Female
8	2306R8, Rm.232	Rat	n/d	Sentinel/ CD(SD)IGS (Sprague Dawley)	Adult	Female
9	2306R9, Rm.232	Rat	n/d	Sentinel/ CD(SD)IGS (Sprague Dawley)	Adult	Female

Test Results

Order #: **2023031415**

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
#2023031415

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

Details

Sample(s) from: NULL

Collection Date
25-May-2023

Arrival Date
09-Jun-2023

Approval Date
15-Jun-2023

Notes

Lab. No. 2306Rb1-2306Rb6, Location: Specific Pathogen Free Breeding Area- (SPFBA)

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.

Serology

Results approved by Wunderlich, Janet on 15 Jun 2023

	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>
	2306Rb1, Rm.233	2306Rb2, Rm.233	2306Rb3, Rm.233	2306Rb4, Rm.233	2306Rb5, Rm.233	2306Rb6, Rm.233
MFIA ROTA	-	-	-	-	-	-
MFIA ECUN	-	-	-	-	-	-
MFIA CPIL	-	-	-	-	-	-
MFIA Anti-Ig	P	P	P	P	P	P
ELISA RHDV	-	-	-	-	-	-

Serology Profile: UHK MFIA Rabbit 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).

Test Results

Order #: **2023031415**

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. 2306Rb1-2306Rb6, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex
1	2306Rb1, Rm.233	Rabbit	n/d	NZW (New Zealand White)	Breeder (SP4)	Female
2	2306Rb2, Rm.233	Rabbit	n/d	NZW (New Zealand White)	Breeder (2B1)	Female
3	2306Rb3, Rm.233	Rabbit	n/d	NZW (New Zealand White)	Lactating (2M1)	Female
4	2306Rb4, Rm.233	Rabbit	n/d	NZW (New Zealand White)	Lactating (2D1)	Female
5	2306Rb5, Rm.233	Rabbit	n/d	NZW (New Zealand White)	Stock (2G)	Male
6	2306Rb6, Rm.233	Rabbit	n/d	NZW (New Zealand White)	Stock (2I)	Male

Test Results

Order #: **2023031199**

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
#2023031199

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

Details

Sample(s) from: NULL

Collection Date
18-May-2023

Arrival Date
08-Jun-2023

Approval Date
22-Jun-2023

Notes

Lab. No. 2306Rb7, Location: Specific Pathogen Free Breeding Area (SPFBA)

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 #: **2023031199**

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. 2306Rb7, Location: Specific Pathogen Free Breeding Area (SPFBA)

Molecular Diagnostics: Infectious

Disease PCR

Results approved by Peck, DiAnne on 22 Jun 2023

UHK Rabbit 23 Agent PRIA

1
2306Rb7,
Rm.233

Group A Rotavirus	-
LCMV PCR	-
Rabbit Hepatitis E Virus PCR	-
Rabbit Picobirnavirus PCR	-
B. bronchiseptica PCR	-
C. piliforme PCR	-
Helicobacter genus PCR	-
Lawsonia PCR	-
P. multocida PCR	-
Ps. aeruginosa PCR	-
Rabbit Respiratory-associated Helicobacter PCR	-
R. heyltii PCR	-
R. pneumotropicus PCR	-
Salmonella Genus PCR	-
S. aureus PCR	-
Cryptosporidium PCR	-
Demodex PCR	-
E. cuniculi PCR	-
Entamoeba PCR	-
F. tularensis PCR	-
Giardia PCR	-
P. ambiguus PCR	-
Rabbit Eimeria PCR	-
Treponema PCR	-

Remarks

Test Results

Order #: **2023031199**

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. 2306Rb7, Location: Specific Pathogen Free Breeding Area (SPFBA)

- = 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

Order #: **2023031199**

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. 2306Rb7, Location: Specific Pathogen Free Breeding Area (SPFBA)

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex
1	2306Rb7, Rm.233	Rabbit	n/d	NZW (New Zealand White)		

Test Results

Order #: **2023031416**

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
#2023031416

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

Details

Sample(s) from: NULL

Collection Date

29-May-2023

Arrival Date

08-Jun-2023

Approval Date

20-Jun-2023

Notes

Lab. No. 2306SHM4, 2306PM1-2306PM2, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Diagnostic Summary

Test	Colony	Tested	+	+/-	?	PDG
H. hepaticus Helicobacter Screen PCR	n/d	1	1	0	0	0
Helicobacter genus PCR Helicobacter Screen PCR	n/d	1	1	0	0	0

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

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

Test Results

Order #: 2023031416

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. 2306SHM4, 2306PM1-2306PM2, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Molecular Diagnostics: Infectious

Disease PCR

Results approved by Peck, DiAnne on 20 Jun 2023

Helicobacter Screen PCR

1
2306SHM4,
Rm.208

Helicobacter genus PCR	+
H. bilis	-
H. ganmani	-
H. hepaticus	+
H. mastomyrinus	-
H. rodentium	-
H. typhlonius	-

Assays

1 2 3
2306SHM4, 2306PM1, 2306PM2,
Rm.208 Rm.208 Rm.208

Streptobacillus moniliformis PCR	-		
Pneumocystis 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. 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

Order #: **2023031416**

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. 2306SHM4, 2306PM1-2306PM2, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex
1	2306SHM4, Rm.208	Mouse	n/d	Sentinel/ CBA/Ca	Adult	Female
2	2306PM1, Rm.208	Mouse	n/d	C57BL/6J	5-6 weeks	Female
3	2306PM2, Rm.208	Mouse	n/d	C57BL/6J	5-6 weeks	Female