

Test Results

Order #: **2024016435**

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

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
#2024016435

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

Details

Sample(s) from: NULL

Collection Date
29-Feb-2024

Arrival Date
18-Mar-2024

Approval Date
19-Mar-2024

Notes

Lab. No. 2403M1-2403M15, 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.

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10A Sassoon Road
Pokfulam, HK 0 Hong Kong

Notes

Lab. No. 2403M1-2403M15, Location: Specific Pathogen Free Breeding Area– (SPFBA)

Serology

Results approved by Wunderlich, Janet on 19 Mar 2024

	<u>1</u> 2403M1, Rm.207	<u>2</u> 2403M2, Rm.207	<u>3</u> 2403M3, Rm.207	<u>4</u> 2403M4, Rm.208	<u>5</u> 2403M5, Rm.208	<u>6</u> 2403M6, Rm.208	<u>7</u> 2403M7, Rm.209	<u>8</u> 2403M8, Rm.209	<u>9</u> 2403M9, Rm.209	<u>10</u> 2403M10, 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> 2403M11, Rm.214	<u>12</u> 2403M12, Rm.214	<u>13</u> 2403M13, Rm.215	<u>14</u> 2403M14, Rm.215	<u>15</u> 2403M15, 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

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Notes

Lab. No. 2403M1-2403M15, 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 = Interpreted as non-specific (MFIA result not confirmed by alternate serologic assay or diagnostic methodology)
PDG = Pending
QNS = Quantity not sufficient

The anti-immunoglobulin (Anti-Ig) MFIA control verifies that a serum specimen contains a sufficient concentration of immunoglobulin to be suitable for serologic testing. A result of P (for Pass) corresponds to a median fluorescence index (MFI) at or above the Anti-Ig assay cutoff, typically ≥ 7000 . An Anti-Ig assay result of F (for Fail), is assigned if the MFI is below the cutoff which might occur because the sample was received too dilute, was collected from an immunocompromised host or was from a species other than the one for which the MFIA is intended. If a sample fails the Anti-Ig MFIA control, then negative and borderline results in MFIA assays for microbial antibodies are considered Inconclusive because the testing is not valid.

Please contact Lab Services (labservices@crl.com) with questions about these interpretations.

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Notes

Lab. No. 2403M1-2403M15, Location: Specific Pathogen Free Breeding Area– (SPFBA)

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex
1	2403M1, Rm.207	Mouse	n/d	Sentinel/ CBA/Ca	Adult	Female
2	2403M2, Rm.207	Mouse	n/d	Sentinel/ CBA/Ca	Adult	Female
3	2403M3, Rm.207	Mouse	n/d	Sentinel/ CBA/Ca	Adult	Female
4	2403M4, Rm.208	Mouse	n/d	Sentinel/ CBA/Ca	Adult	Female
5	2403M5, Rm.208	Mouse	n/d	Sentinel/ CBA/Ca	Adult	Female
6	2403M6, Rm.208	Mouse	n/d	Sentinel/ CBA/Ca	Adult	Female
7	2403M7, Rm.209	Mouse	n/d	Sentinel/ CBA/Ca	Adult	Female
8	2403M8, Rm.209	Mouse	n/d	Sentinel/ CBA/Ca	Adult	Female
9	2403M9, Rm.209	Mouse	n/d	Sentinel/ CBA/Ca	Adult	Female
10	2403M10, Rm.214	Mouse	n/d	Sentinel/ BALB/c	Adult	Female
11	2403M11, Rm.214	Mouse	n/d	Sentinel/ BALB/c	Adult	Female
12	2403M12, Rm.214	Mouse	n/d	Sentinel/ BALB/c	Adult	Female
13	2403M13, Rm.215	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female
14	2403M14, Rm.215	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female
15	2403M15, Rm.215	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female

Test Results

Order #: **2024016345**

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

10A Sassoon Road
Pokfulam, HK 0 Hong Kong

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

Billing Information

Payment Method

Purchase Order PO#: Covering Invoice for
#2024016345

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

Details

Sample(s) from: NULL

Collection Date
28-Feb-2024

Arrival Date
18-Mar-2024

Approval Date
21-Mar-2024

Notes

Lab. No. 2403H1-2403H3, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Protocol

UHK HA w/ IFA MPUL +IFA Cpil (SR-SR-95)

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

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Pokfulam, HK 0 Hong Kong

Notes

Lab. No. 2403H1-2403H3, Location: Specific Pathogen Free Breeding Area– (SPFBA)

Serology

Results approved by Cormier, Danielle on 21 Mar 2024

	1 2403H1, Rm.201	2 2403H2, Rm.201	3 2403H3, Rm.201
MFIA SEND	-	-	-
MFIA PVM	-	-	-
MFIA REO	-	-	-
MFIA LCMV	-	-	-
MFIA ECUN	-	-	-
MFIA PIV-5	-	-	-
MFIA Anti-Ig	P	P	P
IFA CPIL	-	-	-

Serology Profile: MFIA Syrian Hamster Assessment Profile

Remarks

MFIA/ELISA/IFA Results: - = Negative; +/- = Equivocal; + = Moderate to strong positive; TC = Non-specific reaction with tissue control.

All Assays: IN = positive result interpreted as non-specific because not confirmed by other serologic assays or by testing of additional samples from the same source; 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 or higher). 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. 2403H1-2403H3, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Sample Information

Number	Code	Species	Colony	Dilution	Strain	Age	Sex
1	2403H1, Rm.201	Hamster	n/d		Sentinel/ AURA (Golden Syrian)	Adult	Male
2	2403H2, Rm.201	Hamster	n/d		Sentinel/ AURA (Golden Syrian)	Adult	Male
3	2403H3, Rm.201	Hamster	n/d		Sentinel/ AURA (Golden Syrian)	Adult	Male

Test Results

Order #: **2024016437**

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10A Sassoon Road
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Billing Information

Payment Method

Purchase Order PO#: Covering Invoice for
#2024016437

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

Details

Sample(s) from: NULL

Collection Date
28-Feb-2024

Arrival Date
18-Mar-2024

Approval Date
20-Mar-2024

Notes

Lab. No. 2403R1-2403R9, 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.

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Notes

Lab. No. 2403R1-2403R9, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Serology

Results approved by Wunderlich, Janet on 20 Mar 2024

	<u>1</u> 2403R1, Rm.220	<u>2</u> 2403R2, Rm.220	<u>3</u> 2403R3, Rm.220	<u>4</u> 2403R4, Rm.222	<u>5</u> 2403R5, Rm.222	<u>6</u> 2403R6, Rm.222	<u>7</u> 2403R7, Rm.232	<u>8</u> 2403R8, Rm.232	<u>9</u> 2403R9, Rm.232
MFIA PVM	-	-	-	-	-	-	-	-	-
MFIA SDAV	-	-	-	-	-	-	-	-	-
MFIA KRV	-	-	-	-	-	-	-	-	-
MFIA H-1	-	-	-	-	-	-	-	-	-
MFIA RPV	-	-	-	-	-	-	-	-	-
MFIA RMV	-	-	-	-	-	-	IN	IN	-
MFIA NS-1	-	-	-	-	-	-	-	-	-
MFIA RTV	-	-	-	-	-	-	-	-	-
MFIA MPUL	-	-	-	-	-	-	-	-	-
MFIA CPIL	-	-	-	-	IN	-	-	IN	-
MFIA RPyV2 (Rat Polyomavirus 2)	-	-	-	-	-	-	-	-	-
MFIA Anti-Ig	P	P	P	P	P	P	P	P	P
IFA KRV							-	-	
IFA RPV							-	-	
IFA CPIL					-			-	

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 = Interpreted as non-specific (MFIA result not confirmed by alternate serologic assay or diagnostic methodology)
- PDG = Pending
- QNS = Quantity not sufficient

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10A Sassoon Road
Pokfulam, HK 0 Hong Kong

Notes

Lab. No. 2403R1-2403R9, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex
1	2403R1, Rm.220	Rat	n/d	Sentinel/ CD(SD)IGS (Sprague Dawley)	Adult	Female
2	2403R2, Rm.220	Rat	n/d	Sentinel/ CD(SD)IGS (Sprague Dawley)	Adult	Female
3	2403R3, Rm.220	Rat	n/d	Sentinel/ CD(SD)IGS (Sprague Dawley)	Adult	Female
4	2403R4, Rm.222	Rat	n/d	Sentinel/ CD(SD)IGS (Sprague Dawley)	Adult	Female
5	2403R5, Rm.222	Rat	n/d	Sentinel/ CD(SD)IGS (Sprague Dawley)	Adult	Female
6	2403R6, Rm.222	Rat	n/d	Sentinel/ CD(SD)IGS (Sprague Dawley)	Adult	Female
7	2403R7, Rm.232	Rat	n/d	Sentinel/ CD(SD)IGS (Sprague Dawley)	Adult	Female
8	2403R8, Rm.232	Rat	n/d	Sentinel/ CD(SD)IGS (Sprague Dawley)	Adult	Female
9	2403R9, Rm.232	Rat	n/d	Sentinel/ CD(SD)IGS (Sprague Dawley)	Adult	Female

Test Results

Order #: **2024016605**

LTM Customer ID: 38307
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10A Sassoon Road
Pokfulam, HK 0 Hong Kong

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261 Ballardvale Street
Receiving Dock, Bldg 22
Wilmington MA 01887 USA

Billing Information

Payment Method

Purchase Order PO#: Covering Invoice for
#2024016605

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

Details

Sample(s) from: NULL

Collection Date
28-Feb-2024

Arrival Date
18-Mar-2024

Approval Date
21-Mar-2024

Notes

Lab. No. 2403SHR4, Location: Specific Pathogen Free Breeding Area– (SPFBA)

Diagnostic Summary

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

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

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Notes

Lab. No. 2403SHR4, Location: Specific Pathogen Free Breeding Area– (SPFBA)

Molecular Diagnostics: Infectious

Disease PCR

Results approved by Peck, DiAnne on 21 Mar 2024

Helicobacter Screen - Rat PCR

1
2403SHR4,
Rm.222

<i>Helicobacter</i> genus PCR	-
<i>H. bilis</i>	-
<i>H. ganmani</i>	-
<i>H. hepaticus</i>	-
<i>H. mastomyrinus</i>	-
<i>H. rodentium</i>	-
<i>H. trogontum</i>	-
<i>H. typhlonius</i>	-

Assays

1
2403SHR4,
Rm.222

<i>Streptobacillus moniliformis</i> PCR	-
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Remarks

Test Results

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Notes

Lab. No. 2403SHR4, 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. The gratis testing is only up to the number of unexpected results in this order.

Recommended sample types are essential to accurate results. Missing or inappropriate sample types and/or expired buffer/additives can affect detection. 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. 2403SHR4, Location: Specific Pathogen Free Breeding Area– (SPFBA)

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex
1	2403SHR4, Rm.222	Rat	n/d	Sentinel/ CD(SD)IGS (Sprague Dawley)	Adult	Female

Test Results

Order #: **2024016439**

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Details

Sample(s) from: NULL

Collection Date
27-Feb-2024

Arrival Date
18-Mar-2024

Approval Date
22-Mar-2024

Notes

Lab. No. 2403Rb1-2403Rb6, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Diagnostic Summary

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

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Notes

Lab. No. 2403Rb1-2403Rb6, Location: Specific Pathogen Free Breeding Area– (SPFBA)

Serology

Results approved by Wunderlich, Janet on 22 Mar 2024

	<u>1</u> 2403Rb1, Rm.233	<u>2</u> 2403Rb2, Rm.233	<u>3</u> 2403Rb3, Rm.233	<u>4</u> 2403Rb4, Rm.233	<u>5</u> 2403Rb5, Rm.233	<u>6</u> 2403Rb6, Rm.233
MFIA ROTA	-	-	-	-	-	-
MFIA ECUN	-	-	-	-	-	-
MFIA CPIL	-	-	-	-	-	-
MFIA Anti-Ig	P	P	P	P	P	P
ELISA RHDV	IN	-	-	-	-	-

Serology Profile: UHK MFIA Rabbit Selective Profile

Remarks

MFIA/IFA/ELISA/WIB Results:

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+/- = Equivocal
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Please contact Lab Services (labservices@crl.com) with questions about these interpretations.

The RHDV ELISA finding in this report is being interpreted as IN (Non-Specific), as there has been no observation of morbidity and mortality expected with an RHDV infection. Also, the low percentage of borderline and positive reactions are inconsistent with the high rates of seroconversion associated with this highly contagious viral infection. For further discussion, please contact our lab services team at labservices@crl.com.

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Notes

Lab. No. 2403Rb1-2403Rb6, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex
1	2403Rb1, Rm.233	Rabbit	n/d	NZW, Breeder (2F1)		Female
2	2403Rb2, Rm.233	Rabbit	n/d	NZW, Breeder (2Q1)		Female
3	2403Rb3, Rm.233	Rabbit	n/d	NZW, Lactating (P:2G1)		Female
4	2403Rb4, Rm.233	Rabbit	n/d	NZW, Lactating (P:2Q1)		Female
5	2403Rb5, Rm.233	Rabbit	n/d	NZW, Stock (P:2F1)		Female
6	2403Rb6, Rm.233	Rabbit	n/d	NZW, Stock (P:2M1)		Female

Test Results

Order #: **2024016344**

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

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
#2024016344

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

Details

Sample(s) from: NULL

Collection Date
27-Feb-2024

Arrival Date
18-Mar-2024

Approval Date
22-Mar-2024

Notes

Lab. No. 2403Rb7, Location: Specific Pathogen Free Breeding Area (SPFBA)

Diagnostic Summary

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

All results NEGATIVE

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

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Test Results

Order #: 2024016344

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

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. 2403Rb7, Location: Specific Pathogen Free Breeding Area (SPFBA)

Molecular Diagnostics: Infectious

Disease PCR

Results approved by Thor, Savin on 22 Mar 2024

UHK Rabbit 23 Agent PRIA

1

2403Rb7,
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. heylii 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 #: **2024016344**

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

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. 2403Rb7, 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.

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Test Results

Order #: **2024016344**

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

10A Sassoon Road
Pokfulam, HK 0 Hong Kong

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

Notes

Lab. No. 2403Rb7, Location: Specific Pathogen Free Breeding Area (SPFBA)

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex
1	2403Rb7, Rm.233	Rabbit	n/d	NZW (New Zealand White)		

Test Results

Order #: 2024016337

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

10A Sassoon Road
Pokfulam, HK 0 Hong Kong

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

Billing Information

Payment Method

Purchase Order PO#: Covering Invoice for
#2024016337

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

Details

Sample(s) from: NULL

Collection Date
04-Mar-2024

Arrival Date
18-Mar-2024

Approval Date
22-Mar-2024

Notes

Lab. No. 2403M31 (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 #: 2024016337

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

10A Sassoon Road
Pokfulam, HK 0 Hong Kong

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

Notes

Lab. No. 2403M31 (Interceptor), Location: Specific Pathogen Free Breeding Area- (SPFBA)

Molecular Diagnostics: Infectious

Disease PCR

Results approved by Peck, DiAnne on 22 Mar 2024

UHK Mouse Quarantine PRIA

1
2403M31,
Rm.204
(IVC Nude)

Astrovirus-1 PCR	+
Astrovirus-2 PCR	-
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	-
Rodent Chaphamaparvovirus 1 (MuCPV/MKPV 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	-
C. rodentium PCR	-
C. piliforme PCR	-

Test Results

Order #: 2024016337

LTM Customer ID: 38307
The University of Hong Kong
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Research UHK

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. 2403M31 (Interceptor), Location: Specific Pathogen Free Breeding Area- (SPFBA)

Molecular Diagnostics: Infectious

Disease PCR

Results approved by Peck, DiAnne on 22 Mar 2024

UHK Mouse Quarantine PRIA (continued)

1
2403M31,
Rm.204
(IVC Nude)

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

Test Results

Order #: 2024016337

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

10A Sassoon Road
Pokfulam, HK 0 Hong Kong

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

Notes

Lab. No. 2403M31 (Interceptor), Location: Specific Pathogen Free Breeding Area– (SPFBA)

Molecular Diagnostics: Infectious

Disease PCR

Results approved by Peck, DiAnne on 22 Mar 2024

UHK Mouse Quarantine PRIA (continued)

1

2403M31,
Rm.204
(IVC Nude)

<i>Pneumocystis</i> PCR	-
<i>Hexamastix muris</i> PCR	-
<i>Spironucleus muris</i> PCR	-
<i>Tritrichomonas</i> genus 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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Test Results

Order #: **2024016337**

LTM Customer ID: 38307

The University of Hong Kong

U Hong Kong Ctr for Comparative Med

Research UHK

10A Sassoon Road

Pokfulam, HK 0 Hong Kong

Charles River Research Animal Diagnostic Services

(CR RADS)

261 Ballardvale Street

Receiving Dock, Bldg 22

Wilmington MA 01887 USA

Notes

Lab. No. 2403M31 (Interceptor), Location: Specific Pathogen Free Breeding Area- (SPFBA)

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex
1	2403M31, Rm.204 (IVC Nude)	Mouse	n/d	IVC Nude		

Test Results

Order #: **2024016338**

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

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
#2024016338

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

Details

Sample(s) from: NULL

Collection Date
04-Mar-2024

Arrival Date
18-Mar-2024

Approval Date
22-Mar-2024

Notes

Lab No. 2403M32 (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

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

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Test Results

Order #: 2024016338

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

10A Sassoon Road
Pokfulam, HK 0 Hong Kong

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

Notes

Lab No. 2403M32 (Interceptor), Location: Specific Pathogen Free Breeding Area– (SPFBA)

Molecular Diagnostics: Infectious

Disease PCR

Results approved by Peck, DiAnne on 22 Mar 2024

UHK Mouse Quarantine PRIA

1
2403M32,
Rm.204
(IVC SCID)

Astrovirus-1 PCR	+
Astrovirus-2 PCR	-
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	-
Rodent Chaphamaparvovirus 1 (MuCPV/MKPV 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	-
C. rodentium PCR	-
C. piliforme PCR	-

Test Results

Order #: 2024016338

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

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. 2403M32 (Interceptor), Location: Specific Pathogen Free Breeding Area– (SPFBA)

Molecular Diagnostics: Infectious

Disease PCR

Results approved by Peck, DiAnne on 22 Mar 2024

UHK Mouse Quarantine PRIA (continued)

1
2403M32,
Rm.204
(IVC SCID)

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

Test Results

Order #: 2024016338

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

10A Sassoon Road
Pokfulam, HK 0 Hong Kong

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(CR RADS)
261 Ballardvale Street
Receiving Dock, Bldg 22
Wilmington MA 01887 USA

Notes

Lab No. 2403M32 (Interceptor), Location: Specific Pathogen Free Breeding Area– (SPFBA)

Molecular Diagnostics: Infectious

Disease PCR

Results approved by Peck, DiAnne on 22 Mar 2024

UHK Mouse Quarantine PRIA (continued)

1

2403M32,
Rm.204
(IVC SCID)

<i>Pneumocystis PCR</i>	-
<i>Hexamastix muris PCR</i>	-
<i>Spironucleus muris PCR</i>	-
<i>Tritrichomonas genus PCR</i>	-

Remarks

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

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

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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 #: **2024016338**

LTM Customer ID: 38307

The University of Hong Kong

U Hong Kong Ctr for Comparative Med

Research UHK

10A Sassoon Road

Pokfulam, HK 0 Hong Kong

Charles River Research Animal Diagnostic Services
(CR RADS)

261 Ballardvale Street
Receiving Dock, Bldg 22
Wilmington MA 01887 USA

Notes

Lab No. 2403M32 (Interceptor), Location: Specific Pathogen Free Breeding Area– (SPFBA)

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex
1	2403M32, Rm.204 (IVC SCID)	Mouse	n/d	IVC SCID		

Test Results

Order #: **2024016339**

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

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

Billing Information

Payment Method

Purchase Order PO#: Covering Invoice for
#2024016339

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

Details

Sample(s) from: NULL

Collection Date
04-Mar-2024

Arrival Date
18-Mar-2024

Approval Date
22-Mar-2024

Notes

Lab No. 2403M33 (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 #: **2024016339**

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

10A Sassoon Road
Pokfulam, HK 0 Hong Kong

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

Notes

Lab No. 2403M33 (Interceptor), Location: Specific Pathogen Free Breeding Area– (SPFBA)

Molecular Diagnostics: Infectious

Disease PCR

Results approved by Thor, Savin on 22 Mar 2024

UHK Mouse Quarantine PRIA

1

2403M33,
Rm.205
(IVC
2020ICR)

Astrovirus-1 PCR	-
Astrovirus-2 PCR	-
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	-
Rodent Chaphamaparvovirus 1 (MuCPV/MKPV 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	-
C. rodentium PCR	-

Test Results

Order #: 2024016339

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Wilmington MA 01887 USA

10A Sassoon Road
Pokfulam, HK 0 Hong Kong

Notes

Lab No. 2403M33 (Interceptor), Location: Specific Pathogen Free Breeding Area– (SPFBA)

Molecular Diagnostics: Infectious

Disease PCR

Results approved by Thor, Savin on 22 Mar 2024

UHK Mouse Quarantine PRIA (continued)

1

2403M33,
Rm.205
(IVC
2020ICR)

<i>C. piliforme</i> PCR	-
<i>C. bovis</i> PCR	-
<i>C. kutscheri</i> PCR	-
<i>Filobacterium rodentium</i> (CAR Bacillus) PCR	-
<i>Helicobacter</i> genus PCR	-
<i>H. bilis</i>	-
<i>H. hepaticus</i>	-
<i>K. oxytoca</i> PCR	-
<i>K. pneumoniae</i> PCR	-
<i>K</i> Virus PCR	-
<i>M. pulmonis</i> PCR	-
<i>R. 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>Chilomastix muris</i> PCR	-
<i>Demodex</i> PCR	-
<i>E. cuniculi</i> PCR	-
<i>Entamoeba</i> PCR	-
<i>Giardia</i> PCR	-

Test Results

Order #: 2024016339

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U Hong Kong Ctr for Comparative Med
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Notes

Lab No. 2403M33 (Interceptor), Location: Specific Pathogen Free Breeding Area– (SPFBA)

Molecular Diagnostics: Infectious

Disease PCR

Results approved by Thor, Savin on 22 Mar 2024

UHK Mouse Quarantine PRIA (continued)

1

2403M33,
Rm.205
(IVC
2020ICR)

Mite PCR	-
Pinworm PCR	-
Pneumocystis PCR	-
Hexamastix muris PCR	-
Spironucleus muris PCR	-
Tritrichomonas genus 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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Test Results

Order #: **2024016339**

LTM Customer ID: 38307

The University of Hong Kong

U Hong Kong Ctr for Comparative Med

Research UHK

10A Sassoon Road

Pokfulam, HK 0 Hong Kong

Charles River Research Animal Diagnostic Services
(CR RADS)

261 Ballardvale Street
Receiving Dock, Bldg 22
Wilmington MA 01887 USA

Notes

Lab No. 2403M33 (Interceptor), Location: Specific Pathogen Free Breeding Area– (SPFBA)

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex
1	2403M33, Rm.205 (IVC 2020ICR)	Mouse	n/d	IVC 2020ICR		

Test Results

Order #: 2024016340

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

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
#2024016340

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

Details

Sample(s) from: NULL

Collection Date
04-Mar-2024

Arrival Date
18-Mar-2024

Approval Date
22-Mar-2024

Notes

Lab. No. 2403M34 (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						
K. pneumoniae PCR	n/d	1	1	0	0	0
UHK Mouse Quarantine PRIA						
P. mirabilis 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 #: 2024016340

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

10A Sassoon Road
Pokfulam, HK 0 Hong Kong

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

Notes

Lab. No. 2403M34 (Interceptor), Location: Specific Pathogen Free Breeding Area- (SPFBA)

Molecular Diagnostics: Infectious

Disease PCR

Results approved by Thor, Savin on 22 Mar 2024

UHK Mouse Quarantine PRIA

1
2403M34,
Rm.206
(IVC Nude)

Astrovirus-1 PCR	+
Astrovirus-2 PCR	-
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	-
Rodent Chaphamaparvovirus 1 (MuCPV/MKPV 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	-
C. rodentium PCR	-
C. piliforme PCR	-

Test Results

Order #: 2024016340

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

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. 2403M34 (Interceptor), Location: Specific Pathogen Free Breeding Area- (SPFBA)

Molecular Diagnostics: Infectious

Disease PCR

Results approved by Thor, Savin on 22 Mar 2024

UHK Mouse Quarantine PRIA (continued)

1

2403M34,
Rm.206
(IVC Nude)

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

Remark:
K. pneumoniae copy number: 12
P. mirabilis copy number: 12
Results interpreted as negative

Test Results

Order #: 2024016340

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

10A Sassoon Road
Pokfulam, HK 0 Hong Kong

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

Notes

Lab. No. 2403M34 (Interceptor), Location: Specific Pathogen Free Breeding Area– (SPFBA)

Molecular Diagnostics: Infectious

Disease PCR

Results approved by Thor, Savin on 22 Mar 2024

UHK Mouse Quarantine PRIA (continued)

1

2403M34,
Rm.206
(IVC Nude)

<i>Pneumocystis PCR</i>	-
<i>Hexamastix muris PCR</i>	-
<i>Spironucleus muris PCR</i>	-
<i>Tritrichomonas genus PCR</i>	-

Remarks

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

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Inconclusive indicates failure of control result.

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Test Results

Order #: **2024016340**

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

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. 2403M34 (Interceptor), Location: Specific Pathogen Free Breeding Area– (SPFBA)

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex
1	2403M34, Rm.206 (IVC Nude)	Mouse	n/d	IVC Nude		

Test Results

Order #: 2024016341

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

10A Sassoon Road
Pokfulam, HK 0 Hong Kong

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

Billing Information

Payment Method

Purchase Order PO#: Covering Invoice for
#2024016341

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

Details

Sample(s) from: NULL

Collection Date

04-Mar-2024

Arrival Date

18-Mar-2024

Approval Date

22-Mar-2024

Notes

Lab. No. 2403M35 (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						
P. mirabilis 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 #: 2024016341

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

10A Sassoon Road
Pokfulam, HK 0 Hong Kong

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

Notes

Lab. No. 2403M35 (Interceptor), Location: Specific Pathogen Free Breeding Area- (SPFBA)

Molecular Diagnostics: Infectious

Disease PCR

Results approved by Peck, DiAnne on 22 Mar 2024

UHK Mouse Quarantine PRIA

1

2403M35,
Rm.212
(IVC
2023ICR)

Astrovirus-1 PCR	+
Astrovirus-2 PCR	-
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	-
Rodent Chaphamaparvovirus 1 (MuCPV/MKPV 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	-
C. rodentium PCR	-

Test Results

Order #: 2024016341

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

10A Sassoon Road
Pokfulam, HK 0 Hong Kong

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

Notes

Lab. No. 2403M35 (Interceptor), Location: Specific Pathogen Free Breeding Area- (SPFBA)

Molecular Diagnostics: Infectious

Disease PCR

Results approved by Peck, DiAnne on 22 Mar 2024

UHK Mouse Quarantine PRIA (continued)

1

2403M35,
Rm.212
(IVC
2023ICR)

<i>C. piliforme</i> PCR	-
<i>C. bovis</i> PCR	-
<i>C. kutscheri</i> PCR	-
<i>Filobacterium rodentium</i> (CAR Bacillus) PCR	-
<i>Helicobacter</i> genus PCR	-
<i>H. bilis</i>	-
<i>H. hepaticus</i>	-
<i>K. oxytoca</i> PCR	-
<i>K. pneumoniae</i> PCR	-
<i>K Virus</i> 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>Chilomastix muris</i> PCR	-
<i>Demodex</i> PCR	-
<i>E. cuniculi</i> PCR	-
<i>Entamoeba</i> PCR	-
<i>Giardia</i> PCR	-

Remark:
P. mirabilis copy number: 3
Result interpreted as negative
25/3/2024 updated

Test Results

Order #: 2024016341

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

10A Sassoon Road
Pokfulam, HK 0 Hong Kong

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

Notes

Lab. No. 2403M35 (Interceptor), Location: Specific Pathogen Free Breeding Area– (SPFBA)

Molecular Diagnostics: Infectious

Disease PCR

Results approved by Peck, DiAnne on 22 Mar 2024

UHK Mouse Quarantine PRIA (continued)

1

2403M35,
Rm.212
(IVC
2023ICR)

Mite PCR	-
Pinworm PCR	-
Pneumocystis PCR	-
Hexamastix muris PCR	-
Spiroplasma muris PCR	-
Tritrichomonas genus PCR	-

Remarks

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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 #: **2024016341**

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

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. 2403M35 (Interceptor), Location: Specific Pathogen Free Breeding Area– (SPFBA)

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex
1	2403M35, Rm.212 (IVC 2023ICR)	Mouse	n/d	IVC 2023ICR		

Test Results

Order #: 2024016608

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

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
#2024016608

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

Details

Sample(s) from: NULL

Collection Date
29-Feb-2024

Arrival Date
18-Mar-2024

Approval Date
22-Mar-2024

Notes

Lab. No. 2403M36-2403M38, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Diagnostic Summary

Test	Colony	Tested	+	+/-	?	PDG
Clostridioides difficile - Binary Toxin (CDT)	n/d	1	1	0	0	0
Clostridioides difficile Toxin Panel						
Clostridioides difficile - Toxin A	n/d	1	1	0	0	0
Clostridioides difficile Toxin Panel						
Clostridioides difficile - Toxin B	n/d	1	1	0	0	0
Clostridioides difficile Toxin Panel						
Clostridium difficile PCR	n/d	3	1	0	0	0

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Test Results

Order #: 2024016608

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

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. 2403M36-2403M38, Location: Specific Pathogen Free Breeding Area– (SPFBA)

Molecular Diagnostics: Infectious

Disease PCR

Results approved by Magan, Kyria on 22 Mar 2024

Clostridioides difficile Toxin Panel

1
2403M36,
Rm.207

<i>Clostridioides difficile</i> - Toxin A	+
<i>Clostridioides difficile</i> - Toxin B	+
<i>Clostridioides difficile</i> - Binary Toxin (CDT)	+

Assays

1 **2** **3**
2403M36, 2403M37, 2403M38,
Rm.207 Rm.208 Rm.209

<i>Clostridium difficile</i> PCR	+	-	-
----------------------------------	---	---	---

Remarks

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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 #: **2024016608**

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

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. 2403M36-2403M38, Location: Specific Pathogen Free Breeding Area– (SPFBA)

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex
1	2403M36, Rm.207	Mouse	n/d	C57		
2	2403M37, Rm.208	Mouse	n/d	C57		
3	2403M38, Rm.209	Mouse	n/d	C57		

Test Results

Order #: **2024016610**

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

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
#2024016610

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

Details

Sample(s) from: NULL

Collection Date
29-Feb-2024

Arrival Date
18-Mar-2024

Approval Date
21-Mar-2024

Notes

Lab. No. 2403M39-2403M42, 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 #: 2024016610

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

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. 2403M39-2403M42, Location: Specific Pathogen Free Breeding Area (SPFBA)

Molecular Diagnostics: Infectious

Disease PCR

Results approved by Magan, Kyria on 21 Mar 2024

Assays

	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
	2403M39, Rm.212 (IVC 2023ICR)	2403M40, Rm.212 (IVC 2023ICR)	2403M41, Rm.212 (IVC 2023ICR)	2403M42, Rm.212 (IVC 2023ICR)
Astrovirus-1 PCR	+	+	+	+

Remarks

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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 #: **2024016610**

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

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. 2403M39-2403M42, Location: Specific Pathogen Free Breeding Area (SPFBA)

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex
1	2403M39, Rm.212 (IVC 2023ICR)	Mouse	n/d	IVC 2023ICR (#1, 20240221)		
2	2403M40, Rm.212 (IVC 2023ICR)	Mouse	n/d	IVC 2023ICR (#2, 20240228)		
3	2403M41, Rm.212 (IVC 2023ICR)	Mouse	n/d	IVC 2023ICR (#3, 20240214)		
4	2403M42, Rm.212 (IVC 2023ICR)	Mouse	n/d	IVC 2023ICR (#4, 20240207)		

Test Results

Order #: **2024023068**

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

10A Sassoon Road
Pokfulam, HK 0 Hong Kong

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

Billing Information

Payment Method

No bill

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

Details

Sample(s) from: NULL

Collection Date

08-Apr-2024

Arrival Date

16-Apr-2024

Approval Date

20-Apr-2024

Notes

#Test gratis for #2024015377

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 #: 2024023068

LTM Customer ID: 38307
The University of Hong Kong
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Wilmington MA 01887 USA

Notes

#Test gratis for #2024015377

Molecular Diagnostics: Infectious

Disease PCR

Results approved by Muise, Delia on 20 Apr 2024

Assays

1
202404T1

Astrovirus-1 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.

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

Recommended sample types are essential to accurate results. Missing or inappropriate sample types and/or expired buffer/additives can affect detection. 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 #: **2024023068**

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

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261 Ballardvale Street
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Wilmington MA 01887 USA

10A Sassoon Road
Pokfulam, HK 0 Hong Kong

Notes

#Test gratis for #2024015377

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex
1	202404T1	Mouse	n/d			