

Test Results

Order #: **2023015278**

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
Attn: Ms. Lily Lee

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
24-Feb-2023

Arrival Date
13-Mar-2023

Approval Date
14-Mar-2023

Notes

Lab. No. 2303M1-2303M15, 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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Pokfulam, HK 0 Hong Kong
Attn: Ms. Lily Lee

Notes

Lab. No. 2303M1-2303M15, Location: Specific Pathogen Free Breeding Area– (SPFBA)

Serology

Results approved by Wunderlich, Janet on 14 Mar 2023

	<u>1</u> 2303M1, Rm.207	<u>2</u> 2303M2, Rm.207	<u>3</u> 2303M3, Rm.207	<u>4</u> 2303M4, Rm.208	<u>5</u> 2303M5, Rm.208	<u>6</u> 2303M6, Rm.208	<u>7</u> 2303M7, Rm.209	<u>8</u> 2303M8, Rm.209	<u>9</u> 2303M9, Rm.209	<u>10</u> 2303M10, 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> 2303M11, Rm.214	<u>12</u> 2303M12, Rm.214	<u>13</u> 2303M13, Rm.215	<u>14</u> 2303M14, Rm.215	<u>15</u> 2303M15, 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).

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Attn: Ms. Lily Lee

Notes

Lab. No. 2303M1-2303M15, Location: Specific Pathogen Free Breeding Area– (SPFBA)

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex
1	2303M1, Rm.207	Mouse	n/d	Sentinel/ CBA/Ca	Adult	Female
2	2303M2, Rm.207	Mouse	n/d	Sentinel/ CBA/Ca	Adult	Female
3	2303M3, Rm.207	Mouse	n/d	Sentinel/ CBA/Ca	Adult	Female
4	2303M4, Rm.208	Mouse	n/d	Sentinel/ CBA/Ca	Adult	Female
5	2303M5, Rm.208	Mouse	n/d	Sentinel/ CBA/Ca	Adult	Female
6	2303M6, Rm.208	Mouse	n/d	Sentinel/ CBA/Ca	Adult	Female
7	2303M7, Rm.209	Mouse	n/d	Sentinel/ CBA/Ca	Adult	Female
8	2303M8, Rm.209	Mouse	n/d	Sentinel/ CBA/Ca	Adult	Female
9	2303M9, Rm.209	Mouse	n/d	Sentinel/ CBA/Ca	Adult	Female
10	2303M10, Rm.214	Mouse	n/d	Sentinel/ BALB/c	Adult	Female
11	2303M11, Rm.214	Mouse	n/d	Sentinel/ BALB/c	Adult	Female
12	2303M12, Rm.214	Mouse	n/d	Sentinel/ BALB/c	Adult	Female
13	2303M13, Rm.215	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female
14	2303M14, Rm.215	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female
15	2303M15, Rm.215	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female

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Attn: Ms. Lily Lee

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
27-Feb-2023

Arrival Date
13-Mar-2023

Approval Date
14-Mar-2023

Notes

Lab. No. 2303M16-2303M21, 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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Attn: Ms. Lily Lee

Notes

Lab. No. 2303M16-2303M21, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Serology

Results approved by Wunderlich, Janet on 14 Mar 2023

	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>
	2303M16, Rm.204 (IVC Nude)	2303M17, Rm.204 (IVC Nude)	2303M18, Rm.204 (IVC Nude)	2303M19, Rm.204 (IVC SCID)	2303M20, Rm.204 (IVC SCID)	2303M21, Rm.204 (IVC SCID)
MFIA SEND	-	-	-	-	-	-
MFIA PVM	-	-	-	-	-	-
MFIA MHV	-	-	-	-	-	-
MFIA MVM	-	-	-	-	-	-
MFIA MPV-1	-	-	-	-	-	-
MFIA MPV-2	-	-	-	-	-	-
MFIA MPV-5	-	-	-	-	-	-
MFIA NS-1	-	-	-	-	-	-
MFIA MNV	-	-	-	-	-	-
MFIA GDVII	-	-	-	-	-	-
MFIA REO	-	-	-	-	-	-
MFIA EDIM (ROTA-A)	-	-	-	-	-	-
MFIA LCMV	-	-	-	-	-	-
MFIA ECTRO	-	-	-	-	-	-
MFIA MAV 1 & 2	-	-	-	-	-	-
MFIA MCMV	-	-	-	-	-	-
MFIA K Virus	-	-	-	-	-	-
MFIA MTLV	-	-	-	-	-	-
MFIA POLY	-	-	-	-	-	-
MFIA HTNV (HANT)	-	-	-	-	-	-
MFIA MPUL	-	-	-	-	-	-
MFIA CARB (F. rodentium)	-	-	-	-	-	-
MFIA LDV	-	-	-	-	-	-
MFIA CPIL	-	-	-	-	-	-
MFIA ECUN	-	-	-	-	-	-
MFIA PHV	-	-	-	-	-	-
MFIA Anti-Ig	P	P	P	P	P	P

Serology Profile: UHK MFIA Mouse Full Profile

Remarks

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Attn: Ms. Lily Lee

Notes

Lab. No. 2303M16-2303M21, Location: Specific Pathogen Free Breeding Area- (SPFBA)

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

Notes

Lab. No. 2303M16-2303M21, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex
1	2303M16, Rm.204 (IVC Nude)	Mouse	n/d	Sentinel/ IVC Nude/+	Adult	Female
2	2303M17, Rm.204 (IVC Nude)	Mouse	n/d	Sentinel/ IVC Nude/+	Adult	Female
3	2303M18, Rm.204 (IVC Nude)	Mouse	n/d	Sentinel/ IVC Nude/+	Adult	Female
4	2303M19, Rm.204 (IVC SCID)	Mouse	n/d	Sentinel/ IVC SCID	Adult	Female
5	2303M20, Rm.204 (IVC SCID)	Mouse	n/d	Sentinel/ IVC SCID	Adult	Female
6	2303M21, Rm.204 (IVC SCID)	Mouse	n/d	Sentinel/ IVC SCID	Adult	Female

Test Results

Order #: **2023015521**

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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
None specified

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

Details

Sample(s) from: NULL

Collection Date
24-Feb-2023

Arrival Date
10-Mar-2023

Approval Date
16-Mar-2023

Notes

Lab. No. 2303M35-2303M38, 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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Wilmington MA 01887 USA

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Pokfulam, HK 0 Hong Kong

Notes

Lab. No. 2303M35-2303M38, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Molecular Diagnostics: Infectious

Disease PCR

Results approved by Thor, Savin on 16 Mar 2023

Assays

	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
	2303M35, Rm.207	2303M36, Rm.208	2303M37, Rm.209	2303M38, Rm.205
C. difficile PCR	-	-	-	
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.

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 #: **2023015521**

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Wilmington MA 01887 USA

10A Sassoon Road
Pokfulam, HK 0 Hong Kong

Notes

Lab. No. 2303M35-2303M38, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex
1	2303M35, Rm.207	Mouse	n/d	C57		
2	2303M36, Rm.208	Mouse	n/d	C57		
3	2303M37, Rm.209	Mouse	n/d	C57		
4	2303M38, Rm.205	Mouse	n/d	IVC ICR		

Test Results

Order #: **2023015281**

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
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Wilmington MA 01887 USA

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

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
23-Feb-2023

Arrival Date
13-Mar-2023

Approval Date
16-Mar-2023

Notes

Lab. No. 2303R1-2303R9, 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

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261 Ballardvale Street
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Wilmington MA 01887 USA

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

Notes

Lab. No. 2303R1-2303R9, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Serology

Results approved by Estevez, Rebecca on 16 Mar 2023

	<u>1</u> 2303R1, Rm.220	<u>2</u> 2303R2, Rm.220	<u>3</u> 2303R3, Rm.220	<u>4</u> 2303R4, Rm.222	<u>5</u> 2303R5, Rm.222	<u>6</u> 2303R6, Rm.222	<u>7</u> 2303R7, Rm.232	<u>8</u> 2303R8, Rm.232	<u>9</u> 2303R9, Rm.232
MFIA PVM	-	-	-	-	-	-	-	-	-
MFIA SDAV	-	-	-	-	-	-	-	-	-
MFIA KRV	-	-	-	-	-	-	-	-	-
MFIA H-1	-	-	-	-	-	-	-	-	-
MFIA RPV	-	-	-	-	-	-	-	-	-
MFIA RMV	-	-	-	-	-	-	-	-	-
MFIA NS-1	-	-	-	-	-	-	-	-	-
MFIA RTV	-	-	-	-	-	-	-	-	-
MFIA MPUL	-	-	-	-	-	-	-	-	-
MFIA CPIL	-	-	IN	-	-	-	IN	-	IN
MFIA RPyV2 (Rat Polyomavirus 2)	-	-	-	-	-	-	-	-	-
MFIA Anti-Ig	P	P	P	P	P	P	P	P	P
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 = result interpreted as non-specific because not confirmed by alternative serologic assay or diagnostic methodology for other serologic assays, PDG = pending, QNS = Quantity not sufficient. The anti-immunoglobulin (Anti-Ig) MFIA verifies that a serum specimen contains a sufficient concentration of immunoglobulin to be suitable for serologic testing. A result of P (for Pass) corresponds to a median fluorescence index (MFI) at or above the Anti-Ig assay cutoff, typically ≥ 7000 . An Anti-Ig assay result of F (for Fail), assigned if the MFI is below the cutoff, might occur because the sample was received too dilute, was collected from an immunocompromised host or was from a species other than the one for which the MFIA is intended. If a sample fails the Anti-Ig MFIA, then negative and borderline results in MFIA for microbial antibodies are considered I (for inconclusive).

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

Notes

Lab. No. 2303R1-2303R9, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex
1	2303R1, Rm.220	Rat	n/d	Sentinel/ CD(SD)IGS (Sprague Dawley)	Adult	Female
2	2303R2, Rm.220	Rat	n/d	Sentinel/ CD(SD)IGS (Sprague Dawley)	Adult	Female
3	2303R3, Rm.220	Rat	n/d	Sentinel/ CD(SD)IGS (Sprague Dawley)	Adult	Female
4	2303R4, Rm.222	Rat	n/d	Sentinel/ CD(SD)IGS (Sprague Dawley)	Adult	Female
5	2303R5, Rm.222	Rat	n/d	Sentinel/ CD(SD)IGS (Sprague Dawley)	Adult	Female
6	2303R6, Rm.222	Rat	n/d	Sentinel/ CD(SD)IGS (Sprague Dawley)	Adult	Female
7	2303R7, Rm.232	Rat	n/d	Sentinel/ CD(SD)IGS (Sprague Dawley)	Adult	Female
8	2303R8, Rm.232	Rat	n/d	Sentinel/ CD(SD)IGS (Sprague Dawley)	Adult	Female
9	2303R9, Rm.232	Rat	n/d	Sentinel/ CD(SD)IGS (Sprague Dawley)	Adult	Female

Test Results

Order #: **2023015283**

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
Attn: Ms. Lily Lee

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
23-Feb-2023

Arrival Date
13-Mar-2023

Approval Date
16-Mar-2023

Notes

Lab. No. 2303Rb1-2303Rb6, 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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Serology

Results approved by Wunderlich, Janet on 16 Mar 2023

	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>
	2303Rb1, Rm.233	2303Rb2, Rm.233	2303Rb3, Rm.233	2303Rb4, Rm.233	2303Rb5, Rm.233	2303Rb6, 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).

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Wilmington MA 01887 USA

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

Notes

Lab. No. 2303Rb1-2303Rb6, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex
1	2303Rb1, Rm.233	Rabbit	n/d	NZW (New Zealand White)	Breeder (1G)	Male
2	2303Rb2, Rm.233	Rabbit	n/d	NZW (New Zealand White)	Breeder (1L)	Male
3	2303Rb3, Rm.233	Rabbit	n/d	NZW (New Zealand White)	Lactating (SP2)	Male
4	2303Rb4, Rm.233	Rabbit	n/d	NZW (New Zealand White)	Lactating (2L)	Male
5	2303Rb5, Rm.233	Rabbit	n/d	NZW (New Zealand White)	Stock (SP1)	Male
6	2303Rb6, Rm.233	Rabbit	n/d	NZW (New Zealand White)	Stock (2A)	Male

Test Results

Order #: **2023015522**

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 #21

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

Details

Sample(s) from: NULL

Collection Date
16-Feb-2023

Arrival Date
10-Mar-2023

Approval Date
21-Mar-2023

Notes

Lab. No. 2303Rb7, 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 #: **2023015522**

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. 2303Rb7, Location: Specific Pathogen Free Breeding Area (SPFBA)

Molecular Diagnostics: Infectious

Disease PCR

Results approved by Peck, DiAnne on 21 Mar 2023

UHK Rabbit 23 Agent PRIA

1
2303Rb7,
Rm.233

Group A Rotavirus	-
LCMV PCR	-
Rabbit Hepatitis E Virus PCR	-
Rabbit Picobirnavirus PCR	-
B. bronchiseptica PCR	-
C. piliforme PCR	-
Helicobacter genus	-
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 #: **2023015522**

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. 2303Rb7, 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 #: **2023015522**

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. 2303Rb7, Location: Specific Pathogen Free Breeding Area (SPFBA)

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex
1	2303Rb7, Rm.233	Rabbit	n/d	NZW (New Zealand White)		Male

Test Results

Order #: **2023015285**

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 #10

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

Details

Sample(s) from: NULL

Collection Date

24-Feb-2023

Arrival Date

10-Mar-2023

Approval Date

21-Mar-2023

Notes

Lab. No. 2303SHM1, 2303PM1-2303PM2, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Diagnostic Summary

Test	Colony	Tested	+	+/-	?	PDG
H. ganmani Helicobacter Screen PCR	n/d	1	1	0	0	0
H. hepaticus Helicobacter Screen PCR	n/d	1	1	0	0	0
Helicobacter genus 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 #: **2023015285**

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

10A Sassoon Road
Pokfulam, HK 0 Hong Kong

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

Notes

Lab. No. 2303SHM1, 2303PM1-2303PM2, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Molecular Diagnostics: Infectious

Disease PCR

Results approved by Thor, Savin on 21 Mar 2023

Helicobacter Screen PCR

1
2303SHM1,
Rm.207

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

Assays

1 2 3
2303SHM1, 2303PM1, 2303PM2,
Rm.207 Rm.207 Rm.207

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.

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Test Results

Order #: **2023015285**

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. 2303SHM1, 2303PM1-2303PM2, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex
1	2303SHM1, Rm.207	Mouse	n/d	Sentinel/ CBA/Ca	Adult	Female
2	2303PM1, Rm.207	Mouse	n/d	CBA/Ca	5-6 weeks	Female
3	2303PM2, Rm.207	Mouse	n/d	CBA/Ca	5-6 weeks	Female

Test Results

Order #: **2023015508**

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 #15

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

Details

Sample(s) from: NULL

Collection Date

27-Feb-2023

Arrival Date

10-Mar-2023

Approval Date

20-Mar-2023

Notes

Lab. No. 2303M31-2303M34 (Interceptor), Location: Specific Pathogen Free Breeding Area- (SPFBA)

Diagnostic Summary

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

Test Results

Order #: **2023015508**

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. 2303M31-2303M34 (Interceptor), Location: Specific Pathogen Free Breeding Area– (SPFBA)

Molecular Diagnostics: Infectious

Disease PCR

Results approved by Peck, DiAnne on 20 Mar 2023

UHK Mouse Quarantine PRIA

	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
	2303M31, Rm.204 (IVC Nude)	2303M32, Rm.204 (IVC SCID)	2303M33, Rm.205 (IVC ICR)	2303M34, Rm.206 (IVC Nude)
Hantaan PCR	-	-	-	-
Hantaviruses New World PCR	-	-	-	-
LCMV PCR	-	-	-	-
LDV PCR	-	-	-	-
MAV 1 & 2 PCR	-	-	-	-
MCMV PCR	-	-	-	-
MHV PCR	-	-	-	-
MNV PCR	-	-	-	-
Mousepox (Ectromelia) PCR	-	-	-	-
Mouse Parvovirus (MPV/MVM) PCR	-	-	-	-
MRV (EDIM) PCR	-	-	-	-
MTLV PCR	-	-	-	-
POLY PCR	-	-	-	-
PVM PCR	-	-	-	-
REO PCR	-	-	-	-
SEND PCR	-	-	-	-
TMEV/GDVII PCR	-	-	-	-
Beta Strep Grp A PCR	-	-	-	-
Beta Strep Grp B PCR	-	-	-	-
Beta Strep Grp C PCR	-	-	-	-
Beta Strep Grp G PCR	-	-	-	-
B. bronchiseptica PCR	-	-	-	-
B. pseudohinzii PCR	-	-	-	-
Campylobacter Genus PCR	-	-	-	-
Filobacterium rodentium (CAR Bacillus) PCR	-	-	-	-
C. rodentium PCR	-	-	-	-
C. piliforme PCR	-	-	-	-
C. bovis PCR	-	-	-	-
C. kutscheri PCR	-	-	-	-

Test Results

Order #: **2023015508**

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. 2303M31-2303M34 (Interceptor), Location: Specific Pathogen Free Breeding Area– (SPFBA)

Molecular Diagnostics: Infectious

Disease PCR

Results approved by Peck, DiAnne on 20 Mar 2023

UHK Mouse Quarantine PRIA (continued)

	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
	2303M31, Rm.204 (IVC Nude)	2303M32, Rm.204 (IVC SCID)	2303M33, Rm.205 (IVC ICR)	2303M34, Rm.206 (IVC Nude)
<i>Helicobacter genus</i>	-	-	-	-
<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. heylII</i> PCR	-	-	-	-
<i>R. pneumotropicus</i> PCR	-	-	-	-
<i>P. multocida</i> PCR	-	-	-	-
<i>P. mirabilis</i> PCR	-	-	-	-
<i>Salmonella Genus</i> PCR	-	-	-	-
<i>Ps. aeruginosa</i> PCR	-	-	-	-
<i>S. aureus</i> PCR	-	-	-	-
<i>S. moniliformis</i> PCR	-	-	-	-
<i>S. pneumoniae</i> PCR	-	-	-	-
<i>Toxoplasma gondii</i> PCR	-	-	-	-
<i>Y. enterocolitica</i> PCR	-	-	-	-
<i>Y. pseudotuberculosis</i> PCR	-	-	-	-
<i>Cryptosporidium</i> PCR	-	-	-	-
<i>Demodex</i> PCR	-	-	-	-
<i>Giardia</i> PCR	-	-	-	-
<i>E. cuniculi</i> PCR	-	-	-	-
<i>Entamoeba</i> PCR	-	-	-	-
<i>Mite</i> PCR	-	-	-	-
<i>Pinworm</i> PCR	-	-	-	-
<i>Pneumocystis</i> PCR	-	-	-	-
<i>Spirochete muris</i> PCR	-	-	-	-
<i>Trichomonas genus</i> PCR	-	-	-	-
<i>Astrovirus-1</i> PCR	+	+	+	+

Test Results

Order #: **2023015508**

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. 2303M31-2303M34 (Interceptor), Location: Specific Pathogen Free Breeding Area– (SPFBA)

Molecular Diagnostics: Infectious

Disease PCR

Results approved by Peck, DiAnne on 20 Mar 2023

UHK Mouse Quarantine PRIA (continued)

	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
	2303M31, Rm.204 (IVC Nude)	2303M32, Rm.204 (IVC SCID)	2303M33, Rm.205 (IVC ICR)	2303M34, Rm.206 (IVC Nude)
Astrovirus-2 PCR	-	-	-	-

Assays

	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
	2303M31, Rm.204 (IVC Nude)	2303M32, Rm.204 (IVC SCID)	2303M33, Rm.205 (IVC ICR)	2303M34, Rm.206 (IVC Nude)
Chilomastix muris PCR	-	-	-	-
Hexamastix muris PCR	-	-	-	-
MuCPV PCR (MKPV)	-	-	-	-

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 #: **2023015508**

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. 2303M31-2303M34 (Interceptor), Location: Specific Pathogen Free Breeding Area– (SPFBA)

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex
1	2303M31, Rm.204 (IVC Nude)	Mouse	n/d	IVC Nude		
2	2303M32, Rm.204 (IVC SCID)	Mouse	n/d	IVC SCID		
3	2303M33, Rm.205 (IVC ICR)	Mouse	n/d	IVC ICR		
4	2303M34, Rm.206 (IVC Nude)	Mouse	n/d	IVC Nude		