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

#2023046304

University of Hong Kong 10A Sassoon Road

Pokfulam, HK 0 Hong Kong

Details

Sample(s) from: NULL

Collection Date Arrival Date Approval Date 28-Aug-2023 19-Sep-2023 21-Sep-2023

Notes

Lab. No. 2309M1-2309M18, 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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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. 2309M1-2309M18, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Serology

Results approved by White, Danielle on 21 Sep 2023

osano approvoa sy vvince, samone	1 2309M1, Rm.207	<u>2</u> 2309M2, Rm.207	<u>3</u> 2309M3, Rm.207	<u>4</u> 2309M4, Rm.208	<u>5</u> 2309M5, Rm.208	<u>6</u> 2309M6, Rm.208	<u>7</u> 2309M7, Rm.209	<u>8</u> 2309M8, Rm.209	9 2309M9, Rm.209	10 2309M10, Rm.214
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	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р





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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. 2309M1-2309M18, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Serology

Results approved by White, Danielle on 21 Sep 2023

	11 2309M11, Rm.214	12 2309M12, Rm.214	<u>13</u> 2309M13, Rm.215	14 2309M14, Rm.215	15 2309M15, Rm.215	16 2309M16, Rm.205	17 2309M17, Rm.205	18 2309M18, Rm.205
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-lg	Р	Р	Р	Р	Р	Р	Р	Р

Serology Profile: UHK MFIA Mouse Full Profile

Remarks





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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. 2309M1-2309M18, 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.





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10A Sassoon Road Pokfulam, HK 0 Hong Kong

Notes

Lab. No. 2309M1-2309M18, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Number		Species	Colony	Strain	Age	Sex
1	2309M1,	Mouse	n/d	Sentinel/	Adult	Female
	Rm.207			CBA/Ca		
2	2309M2,	Mouse	n/d	Sentinel/	Adult	Female
	Rm.207			CBA/Ca		
3	2309M3,	Mouse	n/d	Sentinel/	Adult	Female
	Rm.207			CBA/Ca		
4	2309M4,	Mouse	n/d	Sentinel/	Adult	Female
	Rm.208			CBA/Ca		
5	2309M5,	Mouse	n/d	Sentinel/	Adult	Female
	Rm.208			CBA/Ca		
6	2309M6,	Mouse	n/d	Sentinel/	Adult	Female
	Rm.208			CBA/Ca		
7	2309M7,	Mouse	n/d	Sentinel/	Adult	Female
	Rm.209			CBA/Ca		
8	2309M8,	Mouse	n/d	Sentinel/	Adult	Female
	Rm.209			CBA/Ca		
9	2309M9,	Mouse	n/d	Sentinel/	Adult	Female
	Rm.209			CBA/Ca		
10	2309M10,	Mouse	n/d	Sentinel/	Adult	Female
	Rm.214			BALB/c		
11	2309M11,	Mouse	n/d	Sentinel/	Adult	Female
	Rm.214			BALB/c		
12	2309M12,	Mouse	n/d	Sentinel/	Adult	Female
	Rm.214			BALB/c		
13	2309M13,	Mouse	n/d	Sentinel/	Adult	Female
	Rm.215			ICR (CD-1)		
14	2309M14,	Mouse	n/d	Sentinel/	Adult	Female
	Rm.215			ICR (CD-1)		
15	2309M15,	Mouse	n/d	Sentinel/	Adult	Female
	Rm.215			ICR (CD-1)		
16	2309M16,	Mouse	n/d	Sentinel	Adult	Female
	Rm.205			(IVC		
				2020ICR)		
17	2309M17,	Mouse	n/d	Sentinel	Adult	Female
	Rm.205			(IVC		
				2020ICR)		
18	2309M18,	Mouse	n/d	Sentinel	Adult	Female
	Rm.205			(IVC		
				2020ICR)		





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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

Billing Information

Payment Method
Purchase Order

PO#: Covering Invoice for

#2023047253

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

Details

Sample(s) from: NULL

Collection DateArrival DateApproval Date06-Sep-202319-Sep-202328-Sep-2023

Notes

Lab. No. 2309R1-2309R9, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Diagnostic Summary

Test	Colony	Tested	+	+/-	?	PDG
IFA PCAR ("RRV")	n/d	9	9	0	0	0
MFIA PCAR ("RRV")	n/d	9	9	0	0	0
UHK MFIA Rat Full Profile						

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





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10A Sassoon Road Pokfulam, HK 0 Hong Kong

Notes

Lab. No. 2309R1-2309R9, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Serology

Results approved by Wunderlich, Janet on 28 Sep 2023

	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>
	2309R1, Rm.220	2309R2, Rm.220	2309R3, Rm.220	2309R4, Rm.222	2309R5, Rm.222	2309R6, Rm.222	2309R7, Rm.232	2309R8, Rm.232	2309R9, Rm.232
MFIA SEND	-	-	-	-	-	-	-	-	-
MFIA PVM	_	_	_	_	_	_	_	_	_
MFIA SDAV	_	_	_	_	_	_	_	_	_
MFIA KRV	-	-	_	-	_	-	_	-	-
MFIA H-1	-	_	_	_	_	_	_	_	-
MFIA RPV	-	-	-	_	-	-	-	-	-
MFIA RMV	-	-	-	-	-	-	-	-	-
MFIA NS-1	-	-	-	-	-	-	-	-	-
MFIA REO	-	-	-	-	-	-	_	-	-
MFIA RTV	-	-	-	-	-	-	-	-	-
MFIA MAV 1 & 2	-	-	-	-	-	-	-	-	-
MFIA HTNV (HANT)	-	-	-	-	-	-	-	-	-
MFIA MPUL	-	-	-	-	-	-	-	-	-
MFIA ECUN	-	-	-	-	-	-	-	-	-
MFIA CARB (F. rodentium)	-	-	-	-	-	-	-	-	-
MFIA PCAR ("RRV")	+	+	+	+	+	+	+	+	+
MFIA CPIL	IN	-	-	-	-	-	-	IN	-
MFIA LCMV	-	-	-	-	-	-	-	-	-
MFIA IDIR (ROTA-B)	-	-	-	-	-	-	-	-	-
MFIA RPyV2 (Rat	-	-	-	-	-	-	-	-	-
Polyomavirus 2)									
MFIA Anti-Ig	P	Р	Р	Р	Р	Р	Р	Р	Р
IFA PCAR ("RRV")	+	+	+	+	+	+	+	+	+
IFA CPIL	_							_	

Serology Profile: UHK MFIA Rat Full Profile

Remarks





LTM Customer ID: 38307
The University of Hong Kong
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Research

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

10A Sassoon Road Pokfulam, HK 0 Hong Kong

Notes

Lab. No. 2309R1-2309R9, 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.





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Research

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

10A Sassoon Road Pokfulam, HK 0 Hong Kong

Notes

Lab. No. 2309R1-2309R9, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Number	Code	Species	Colony	Strain	Age	Sex	
1	2309R1,	Rat	n/d	Sentinel/	Adult	Female	
	Rm.220			CD(SD)IGS			
				(Sprague			
				Dawley)			
2	2309R2,	Rat	n/d	Sentinel/	Adult	Female	
	Rm.220			CD(SD)IGS			
				(Sprague			
				Dawley)			
3	2309R3,	Rat	n/d	Sentinel/	Adult	Female	
	Rm.220			CD(SD)IGS			
				(Sprague			
				Dawley)			
4	2309R4,	Rat	n/d	Sentinel/	Adult	Female	
	Rm.222			CD(SD)IGS			
				(Sprague			
				Dawley)			
5	2309R5,	Rat	n/d	Sentinel/	Adult	Female	
	Rm.222			CD(SD)IGS			
				(Sprague			
				Dawley)			
6	2309R6,	Rat	n/d	Sentinel/	Adult	Female	
	Rm.222			CD(SD)IGS			
				(Sprague			
				Dawley)			
7	2309R7,	Rat	n/d	Sentinel/	Adult	Female	
	Rm.232			CD(SD)IGS			
				(Sprague			
				Dawley)			
8	2309R8,	Rat	n/d	Sentinel/	Adult	Female	
	Rm.232			CD(SD)IGS			
				(Sprague			
				Dawley)			
9	2309R9,	Rat	n/d	Sentinel/	Adult	Female	
	Rm.232			CD(SD)IGS			
				(Sprague			
				Dawley)			





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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

Billing Information

Payment Method
Purchase Order

PO#: Covering Invoice for

#2023047256

University of Hong Kong 10A Sassoon Road

Pokfulam, HK 0 Hong Kong

Details

Sample(s) from: NULL

Collection Date Arrival Date
29-Aug-2023 19-Sep-2023

Approval Date 25-Sep-2023

Notes

Lab. No. 2309Rb1-2309Rb6, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Diagnostic Summary

Test Colony Tested + +/- ? PDG

All results NEGATIVE

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





LTM Customer ID: 38307
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Research

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

10A Sassoon Road Pokfulam, HK 0 Hong Kong

Notes

Lab. No. 2309Rb1-2309Rb6, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Serology

Results approved by White, Danielle on 25 Sep 2023

	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>
	2309Rb1,	2309Rb2,	2309Rb3,	2309Rb4,	2309Rb5,	2309Rb6,
	Rm.233	Rm.233	Rm.233	Rm.233	Rm.233	Rm.233
MFIA ROTA	-	-	-	-	-	-
MFIA ECUN	-	-	-	-	-	-
MFIA CPIL	-	-	-	-	-	-
MFIA CARB (F. rodentium)	-	-	-	-	-	-
MFIA PIV-1	-	-	-	-	-	-
MFIA TOXO GONDII	-	-	-	-	-	-
MFIA Anti-Ig	Р	Р	Р	Р	Р	Р
RPR TREP	-	-	-	-	-	-
ELISA RHDV	-	-	-	-	-	-
IFA RbAV	-	-	-	-	-	-
IFA RbCV	-	-	-	-	-	-
ELISA Myxoma	-	-	-	-	-	-

Serology Profile: UHK MFIA Rabbit Full Profile

Remarks

MFIA/IFA/ELISA/WIB Results:

- = Negative

+/- = Equivocal

+ = Moderate to strong positive

TC = Non-specific reaction with tissue control

I = Indeterminate or Inconclusive

IN = 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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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. 2309Rb1-2309Rb6, Location: Specific Pathogen Free Breeding Area- (SPFBA)

	0 1	0	0 /	01 :	4	•
Number	Code	Species	Colony	Strain	Age	Sex
1	2309Rb1,	Rabbit	n/d	NZW,		Male
	Rm.233			Breeder		
				(2M)		
2	2309Rb2,	Rabbit	n/d	NZW,		Male
	Rm.233			Breeder (2F))	
3	2309Rb3,	Rabbit	n/d	NZW,		Female
	Rm.233			Lactating		
				(2J1)		
4	2309Rb4,	Rabbit	n/d	NZW,		Female
	Rm.233			Lactating		
				(3E3)		
5	2309Rb5,	Rabbit	n/d	NZW, Stock		Male
	Rm.233			(2G)		
6	2309Rb6,	Rabbit	n/d	NZW, Stock		Male
	Rm.233			(2Q)		





LTM Customer ID: 38307 Charles River Research Animal Diagnostic Services

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Research

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

10A Sassoon Road Pokfulam, HK 0 Hong Kong

Billing Information

Payment Method
University of Hong Kong
Purchase Order PO#: Covering Invoice for 10A Sassoon Road

#2023046301 Pokfulam, HK 0 Hong Kong

Details

Sample(s) from: NULL

Collection Date Arrival Date Approval Date 30-Aug-2023 19-Sep-2023 28-Sep-2023

Notes

Lab. No. 2309Rb7, 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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10A Sassoon Road Pokfulam, HK 0 Hong Kong

Notes

Lab. No. 2309Rb7, Location: Specific Pathogen Free Breeding Area (SPFBA)

Molecular Diagnostics: Infectious Disease PCR

Results approved by Peck, DiAnne on 28 Sep 2023

UHK Rabbit 23 Agent PRIA

<u>1</u> 2309Rb7, Rm 233

	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





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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. 2309Rb7, 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.





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Research

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

Charles River Research Animal Diagnostic Services

10A Sassoon Road Pokfulam, HK 0 Hong Kong

Notes

Lab. No. 2309Rb7, Location: Specific Pathogen Free Breeding Area (SPFBA)

Number	Code	Species	Colony	Strain	Age	Sex
1	2309Rb7,	Rabbit	n/d	NZW (New		
	Rm.233			Zealand		
				White)		





Test Results 2023040521 Order #:

LTM Customer ID: 38307 The University of Hong Kong

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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

Payment Method

Billing Information

Purchase Order PO#: Covering Invoice for

#2023040521

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

Details

Sample(s) from: **NULL**

Arrival Date Collection Date Approval Date 26-Jul-2023 10-Aug-2023 18-Aug-2023

Notes

Lab. No. 2307H1 (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
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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10A Sassoon Road Pokfulam, HK 0 Hong Kong

Notes

Lab. No. 2307H1 (Rm.201, Hamster), Location: SPFBA, Sample Types: Body / Fur Swab, Fecal Pellet, Oral Swab

Molecular Diagnostics: Infectious Disease PCR

Results approved by Muise, Delia on 18 Aug 2023

UHK Hamster Surveillance Plus PRIA

<u>1</u> 2307H1,

	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. heylii PCR	-
R. pneumotropicus PCR	-
P. mirabilis PCR	-
Ps. aeruginosa PCR	-
Salmonella Genus PCR	-
S. aureus PCR	+
S. pneumoniae PCR	-





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10A Sassoon Road Pokfulam, HK 0 Hong Kong

Notes

Lab. No. 2307H1 (Rm.201, Hamster), Location: SPFBA, Sample Types: Body / Fur Swab, Fecal Pellet, Oral Swab

Molecular Diagnostics: Infectious Disease PCR

Results approved by Muise, Delia on 18 Aug 2023

UHK Hamster Surveillance Plus PRIA (continued)

<u>1</u> 2307H1, Rm.201

Cryptosporidium PCR	-
Demodex PCR	+
Entamoeba PCR	-
E. cuniculi PCR	-
Giardia PCR	-
Mite PCR	-
Pinworm PCR	-
Spironucleus muris 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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10A Sassoon Road Pokfulam, HK 0 Hong Kong

Notes

Lab. No. 2307H1 (Rm.201, Hamster), Location: SPFBA, Sample Types: Body / Fur Swab, Fecal Pellet, Oral Swab

Number	Code	Species	Colony	Strain	Age	Sex
1	2307H1,	Hamster	n/d	AURA		
	Rm.201			(Golden		
				Syrian)		





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

Charles River Research Animal Diagnostic Services

10A Sassoon Road

Pokfulam, HK 0 Hong Kong

Billing Information

Payment Method
Purchase Order

PO#: Covering Invoice for

#2023040965

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

Details

Sample(s) from: NULL

Collection DateArrival DateApproval Date26-Jul-202310-Aug-202317-Aug-2023

Notes

Lab. No. 2307T101-2307T102, Location: Specific Pathogen Free Breeding Area (SPFBA)

Diagnostic Summary

Test	Colony	Tested	+	+/-	?	PDG
Astrovirus-1 PCR	n/d	2	2	0	0	0

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





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Notes

Lab. No. 2307T101-2307T102, Location: Specific Pathogen Free Breeding Area (SPFBA)

Molecular Diagnostics: Infectious Disease PCR

Results approved by Peck, DiAnne on 17 Aug 2023

Assays

	<u>1</u>	<u>2</u>
	2307T101,	2307T102,
	Rm.212	Rm.212
	(IVC	(IVC
	2023ICR)	2023ICR)
Astrovirus-1 PCR	+	+

Remarks

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Inconclusive indicates failure of control result.

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Notes

Lab. No. 2307T101-2307T102, Location: Specific Pathogen Free Breeding Area (SPFBA)

Number	Code	Species	Colony	Strain	Age	Sex
1	2307T101,	Mouse	n/d	IVC		
	Rm.212 (IVC			2023ICR		
	2023ICR)			(FB)		
2	2307T102,	Mouse	n/d	IVC		
	Rm.212 (IVC			2023ICR		
	2023ICR)			(Br)		





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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

Billing Information

Payment Method
Purchase Order

PO#: Covering Invoice for

#2023047261

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

Details

Sample(s) from: NULL

Collection DateArrival DateApproval Date24-Aug-202319-Sep-202327-Sep-2023

Notes

Lab. No. 2309M36-2309M38, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Diagnostic Summary										
Test	Colony	Tested	+	+/-	?	PDG				
Clostridioides difficile - Toxin A Clostridiodes difficile Toxin Panel	n/d	2	2	0	0	0				
Clostridioides difficile - Toxin B Clostridiodes difficile Toxin Panel	n/d	2	1	0	0	0				
Clostridium difficile PCR	n/d	3	2	0	0	0				

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10A Sassoon Road Pokfulam, HK 0 Hong Kong

Notes

Lab. No. 2309M36-2309M38, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Molecular Diagnostics: Infectious Disease PCR

Results approved by Peck, DiAnne on 27 Sep 2023

Clostridiodes difficile Toxin Panel

	<u>1</u> 2309M36, Rm.207	<u>3</u> 2309M38, Rm.209
Clostridioides difficile - Toxin A	+	+
Clostridioides difficile - Toxin B	+	-
Clostridioides difficile - Binary Toxin (CDT)	-	-

Assays

	<u>1</u>	<u>2</u>	<u>3</u>
	2309M36,	2309M37,	2309M38,
	Rm.207	Rm.208	Rm.209
Clostridium difficile PCR	+	-	+

Remarks

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Inconclusive indicates failure of control result.

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10A Sassoon Road Pokfulam, HK 0 Hong Kong

Notes

Lab. No. 2309M36-2309M38, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Number	Code	Species	Colony	Strain	Age	Sex
1	2309M36, Rm.207	Mouse	n/d	C57		
2	2309M37, Rm.208	Mouse	n/d	C57		
3	2309M38, Rm.209	Mouse	n/d	C57		





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10A Sassoon Road

Pokfulam, HK 0 Hong Kong

Billing Information

Payment Method
Purchase Order

PO#: Covering Invoice for

#2023047262

University of Hong Kong 10A Sassoon Road

Pokfulam, HK 0 Hong Kong

Details

Sample(s) from: NULL

Collection Date Arrival Date 23-Aug-2023 19-Sep-2023

Approval Date 26-Sep-2023

Notes

Lab. No. 2309M39, 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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10A Sassoon Road Pokfulam, HK 0 Hong Kong

Notes

Lab. No. 2309M39, Location: Specific Pathogen Free Breeding Area (SPFBA)

Molecular Diagnostics: Infectious Disease PCR

Results approved by Muise, Delia on 26 Sep 2023

Assays

	<u>1</u>
	2309M39,
	Rm.205
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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Charles River Research Animal Diagnostic Services

10A Sassoon Road Pokfulam, HK 0 Hong Kong

Notes

Lab. No. 2309M39, Location: Specific Pathogen Free Breeding Area (SPFBA)

Number	Code	Species	Colony	Strain	Age	Sex
1	2309M39,	Mouse	n/d	ICR		
	Rm.205					





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10A Sassoon Road

Pokfulam, HK 0 Hong Kong

Billing Information

Payment Method
Purchase Order

PO#: Covering Invoice for

#2023047258

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

Details

Sample(s) from: NULL

Collection DateArrival DateApproval Date29-Aug-202319-Sep-202328-Sep-2023

Notes

Lab. No. 2309SHM7, 2309PM1-2309PM2, 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 PCR Helicobacter Screen PCR	n/d	1	1	0	0	0

^{+ =} Positive, +/- = Equivocal, ? = Indeterminate, PDG = Pending





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Notes

Lab. No. 2309SHM7, 2309PM1-2309PM2, Location: Specific Pathogen Free Breeding Area (SPFBA)

Molecular Diagnostics: Infectious Disease PCR

Results approved by Thor, Savin on 28 Sep 2023

Helicobacter Screen PCR

	<u> </u>
	2309SHM7,
	Rm.209
Helicobacter genus PCR	+
H. bilis	-
H. ganmani	+
H. hepaticus	+
H. mastomyrinus	-
H. rodentium	-
H. typhlonius	-

Assays

	<u>1</u>	<u>2</u>	<u>3</u>
	2309SHM7,	2309PM1,	2309PM2,
	Rm.209	Rm.209	Rm.209
Streptobacillus moniliformis	-		
PCR			
Pneumocystis PCR		-	-

Remarks

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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. 2309SHM7, 2309PM1-2309PM2, Location: Specific Pathogen Free Breeding Area (SPFBA)

Number	Code	Species	Colony	Strain	Age	Sex
1	2309SHM7,	Mouse	n/d	Sentinel/	Adult	Female
	Rm.209			CBA/Ca		
2	2309PM1,	Mouse	n/d	C57BL/6N	5-6 weeks	Female
	Rm.209					
3	2309PM2,	Mouse	n/d	C57BL/6N	5-6 weeks	Female
	Rm.209					





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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

Billing Information

Payment Method
Purchase Order

PO#: Covering Invoice for

#2023047257

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

Details

Sample(s) from: NULL

Collection Date
06-Sep-2023
Arrival Date
19-Sep-2023

Notes

Lab. No. 2309SHR1, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Diagnostic Summary

Test Colony Tested + +/- ? PDG

All results NEGATIVE

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

Approval Date

26-Sep-2023





Test Results 2023047257 Order #:

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. 2309SHR1, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Molecular Diagnostics: Infectious Disease PCR

Results approved by Muise, Delia on 26 Sep 2023

Helicobacter Screen - Rat PCR

<u>1</u> 2309SHR1, Rm.220

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

Assays

<u>1</u> 2309SHR1, Rm 220

Streptobacillus moniliformis	-
PCR	

Remarks

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Inconclusive indicates failure of control result.

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Notes

Lab. No. 2309SHR1, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Number	Code	Species	Colony	Strain	Age	Sex
1	2309SHR1,	Rat	n/d	Sentinel/	Adult	Female
	Rm.220			CD(SD)IGS		
				(Sprague		
				Dawley)		





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10A Sassoon Road Pokfulam, HK 0 Hong Kong

Billing Information

Payment Method

Purchase Order PO#: 2023046120

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

Details

Sample(s) from: NULL

Collection DateArrival DateApproval Date28-Aug-202319-Sep-202328-Sep-2023

Notes

Lab. No. 2309M31 (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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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. 2309M31 (Interceptor), Location: Specific Pathogen Free Breeding Area- (SPFBA)

Molecular Diagnostics: Infectious Disease PCR

Results approved by Peck, DiAnne on 28 Sep 2023

UHK Mouse Quarantine PRIA

1 2309M31, 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	-
MuCPV PCR (MKPV)	-
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	-
C. bovis PCR	-





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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. 2309M31 (Interceptor), Location: Specific Pathogen Free Breeding Area- (SPFBA)

Molecular Diagnostics: Infectious Disease PCR

Results approved by Peck, DiAnne on 28 Sep 2023

UHK Mouse Quarantine PRIA (continued)

<u>1</u> 2309M31, Rm.204 (IVC Nude)

	(IVO IVado)
C. kutscheri PCR	-
Filobacterium rodentium (CAR Bacillus) PCR	-
Helicobacter genus PCR	-
H. bilis	-
H. hepaticus	-
K. oxytoca PCR	-
K. pneumoniae PCR	-
K Virus PCR	-
M. pulmonis PCR	-
R. heylii PCR	-
R. pneumotropicus PCR	-
P. multocida PCR	-
P. mirabilis PCR	-
Salmonella Genus PCR	-
Ps. aeruginosa PCR	-
S. aureus PCR	-
S. moniliformis PCR	-
S. pneumoniae PCR	-
Toxoplasma gondii PCR	-
Y. enterocolitica PCR	-
Y. pseudotuberculosis PCR	-
Cryptosporidium PCR	-
Chilomastix muris PCR	-
Demodex PCR	-
E. cuniculi PCR	-
Entamoeba PCR	-
Giardia PCR	-
Mite PCR	-
Pinworm PCR	-
Pneumocystis PCR	-





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10A Sassoon Road Pokfulam, HK 0 Hong Kong

Notes

Lab. No. 2309M31 (Interceptor), Location: Specific Pathogen Free Breeding Area- (SPFBA)

Molecular Diagnostics: Infectious Disease PCR

Results approved by Peck, DiAnne on 28 Sep 2023

UHK Mouse Quarantine PRIA (continued)

1 2309M31, Rm.204 (IVC Nude)

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.

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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Notes

Lab. No. 2309M31 (Interceptor), Location: Specific Pathogen Free Breeding Area- (SPFBA)

Number	Code	Species	Colony	Strain	Age	Sex
1	2309M31, Rm.204 (IVC Nude)	Mouse	n/d	IVC Nude		





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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

Billing Information

Payment Method
Purchase Order

PO#: Covering Invoice for

#2023046121

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

Details

Sample(s) from: NULL

Collection Date Arrival Date Approval Date 28-Aug-2023 19-Sep-2023 28-Sep-2023

Notes

Lab. No. 2309M32 (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

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. 2309M32 (Interceptor), Location: Specific Pathogen Free Breeding Area- (SPFBA)

Molecular Diagnostics: Infectious Disease PCR

Results approved by Peck, DiAnne on 28 Sep 2023

UHK Mouse Quarantine PRIA

<u>1</u> 2309M32, Rm.204 (IVC SCID)

	(IVO GOID)
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	-
MuCPV PCR (MKPV)	-
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	-
C. bovis PCR	-
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10A Sassoon Road Pokfulam, HK 0 Hong Kong

Notes

Lab. No. 2309M32 (Interceptor), Location: Specific Pathogen Free Breeding Area- (SPFBA)

Molecular Diagnostics: Infectious Disease PCR

Results approved by Peck, DiAnne on 28 Sep 2023

UHK Mouse Quarantine PRIA (continued)

<u>1</u> 2309M32, Rm.204 (IVC SCID)

	(IVO GOID)
C. kutscheri PCR	-
Filobacterium rodentium (CAR Bacillus) PCR	-
Helicobacter genus PCR	-
H. bilis	-
H. hepaticus	-
K. oxytoca PCR	-
K. pneumoniae PCR	-
K Virus PCR	-
M. pulmonis PCR	-
R. heylii PCR	-
R. pneumotropicus PCR	-
P. multocida PCR	-
P. mirabilis PCR	-
Salmonella Genus PCR	-
Ps. aeruginosa PCR	-
S. aureus PCR	-
S. moniliformis PCR	-
S. pneumoniae PCR	-
Toxoplasma gondii PCR	-
Y. enterocolitica PCR	-
Y. pseudotuberculosis PCR	-
Cryptosporidium PCR	-
Chilomastix muris PCR	-
Demodex PCR	-
E. cuniculi PCR	-
Entamoeba PCR	-
Giardia PCR	-
Mite PCR	-
Pinworm PCR	-
Pneumocystis PCR	





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10A Sassoon Road Pokfulam, HK 0 Hong Kong

Notes

Lab. No. 2309M32 (Interceptor), Location: Specific Pathogen Free Breeding Area- (SPFBA)

Molecular Diagnostics: Infectious Disease PCR

Results approved by Peck, DiAnne on 28 Sep 2023

UHK Mouse Quarantine PRIA (continued)

<u>1</u> 2309M32, Rm.204 (IVC SCID)

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.

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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10A Sassoon Road Pokfulam, HK 0 Hong Kong

Notes

Lab. No. 2309M32 (Interceptor), Location: Specific Pathogen Free Breeding Area- (SPFBA)

Number	Code	Species	Colony	Strain	Age	Sex
1	2309M32,	Mouse	n/d	IVC SCID		
	Rm.204 (IVC					
	SCID)					





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261 Ballardvale Street

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Receiving Dock, Bldg 22 Wilmington MA 01887 USA

Research

10A Sassoon Road Pokfulam, HK 0 Hong Kong

Billing Information

Payment Method
University of Hong Kong
Purchase Order
PO#: Covering Invoice for
10A Sassoon Road

#2023046123 Pokfulam, HK 0 Hong Kong

Details

Sample(s) from: NULL

Collection Date Arrival Date Approval Date 28-Aug-2023 19-Sep-2023 28-Sep-2023

Notes

Lab. No. 2309M33 (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.





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10A Sassoon Road Pokfulam, HK 0 Hong Kong

Notes

Lab. No. 2309M33 (Interceptor), Location: Specific Pathogen Free Breeding Area- (SPFBA)

Molecular Diagnostics: Infectious Disease PCR

Results approved by Peck, DiAnne on 28 Sep 2023

UHK Mouse Quarantine PRIA

<u>1</u> 2309M33, Rm.205 (IVC ICR)

	(100 1011)
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	-
MuCPV PCR (MKPV)	-
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	-
C. bovis PCR	-
I—————————————————————————————————————	-





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10A Sassoon Road Pokfulam, HK 0 Hong Kong

Notes

Lab. No. 2309M33 (Interceptor), Location: Specific Pathogen Free Breeding Area- (SPFBA)

Molecular Diagnostics: Infectious Disease PCR

Results approved by Peck, DiAnne on 28 Sep 2023

UHK Mouse Quarantine PRIA (continued)

<u>1</u> 2309M33, Rm.205 (IVC ICR)

	(100 1011)
C. kutscheri PCR	-
Filobacterium rodentium (CAR Bacillus) PCR	-
Helicobacter genus PCR	-
H. bilis	-
H. hepaticus	-
K. oxytoca PCR	-
K. pneumoniae PCR	-
K Virus PCR	-
M. pulmonis PCR	-
R. heylii PCR	-
R. pneumotropicus PCR	-
P. multocida PCR	-
P. mirabilis PCR	-
Salmonella Genus PCR	-
Ps. aeruginosa PCR	-
S. aureus PCR	-
S. moniliformis PCR	-
S. pneumoniae PCR	-
Toxoplasma gondii PCR	-
Y. enterocolitica PCR	-
Y. pseudotuberculosis PCR	-
Cryptosporidium PCR	-
Chilomastix muris PCR	-
Demodex PCR	-
E. cuniculi PCR	-
Entamoeba PCR	-
Giardia PCR	-
Mite PCR	-
Pinworm PCR	-
Pneumocystis PCR	





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10A Sassoon Road Pokfulam, HK 0 Hong Kong

Notes

Lab. No. 2309M33 (Interceptor), Location: Specific Pathogen Free Breeding Area- (SPFBA)

Molecular Diagnostics: Infectious Disease PCR

Results approved by Peck, DiAnne on 28 Sep 2023

UHK Mouse Quarantine PRIA (continued)

<u>1</u> 2309M33, Rm.205 (IVC ICR)

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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10A Sassoon Road Pokfulam, HK 0 Hong Kong

Notes

Lab. No. 2309M33 (Interceptor), Location: Specific Pathogen Free Breeding Area- (SPFBA)

Number	Code	Species	Colony	Strain	Age	Sex
1	2309M33, Rm.205 (IVC ICR)	Mouse	n/d	IVC ICR		





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10A Sassoon Road

Pokfulam, HK 0 Hong Kong

Billing Information

Payment Method
Purchase Order

PO#: Covering Invoice for

#2023046124

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

Details

Sample(s) from: NULL

Collection Date Arrival Date Approval Date
28-Aug-2023 19-Sep-2023 26-Sep-2023

Notes

Lab. No. 2309M34 (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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10A Sassoon Road Pokfulam, HK 0 Hong Kong

Notes

Lab. No. 2309M34 (Interceptor), Location: Specific Pathogen Free Breeding Area- (SPFBA)

Molecular Diagnostics: Infectious Disease PCR

Results approved by Muise, Delia on 26 Sep 2023

UHK Mouse Quarantine PRIA

1 2309M34, 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	-
MuCPV PCR (MKPV)	-
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	-
C. bovis PCR	-





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10A Sassoon Road Pokfulam, HK 0 Hong Kong

Notes

Lab. No. 2309M34 (Interceptor), Location: Specific Pathogen Free Breeding Area- (SPFBA)

Molecular Diagnostics: Infectious Disease PCR

Results approved by Muise, Delia on 26 Sep 2023

UHK Mouse Quarantine PRIA (continued)

1 2309M34, Rm.206 (IVC Nude)

	,
C. kutscheri PCR	-
Filobacterium rodentium (CAR	-
Bacillus) PCR	
Helicobacter genus PCR	-
H. bilis	-
H. hepaticus	-
K. oxytoca PCR	-
K. pneumoniae PCR	-
K Virus PCR	-
M. pulmonis PCR	-
R. heylii PCR	-
R. pneumotropicus PCR	-
P. multocida PCR	-
P. mirabilis PCR	-
Salmonella Genus PCR	-
Ps. aeruginosa PCR	
S. aureus PCR	_
S. moniliformis PCR	-
S. pneumoniae PCR	-
Toxoplasma gondii PCR	-
Y. enterocolitica PCR	-
Y. pseudotuberculosis PCR	-
Cryptosporidium PCR	-
Chilomastix muris PCR	-
Demodex PCR	-
E. cuniculi PCR	-
Entamoeba PCR	-
Giardia PCR	-
Mite PCR	-
Pinworm PCR	-
Pneumocystis PCR	-
1	-





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Notes

Lab. No. 2309M34 (Interceptor), Location: Specific Pathogen Free Breeding Area- (SPFBA)

Molecular Diagnostics: Infectious Disease PCR

Results approved by Muise, Delia on 26 Sep 2023

UHK Mouse Quarantine PRIA (continued)

1 2309M34, Rm.206 (IVC Nude)

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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Notes

Lab. No. 2309M34 (Interceptor), Location: Specific Pathogen Free Breeding Area- (SPFBA)

Number	Code	Species	Colony	Strain	Age	Sex
1	2309M34,	Mouse	n/d	IVC Nude		
	Rm.206 (IVC					
	Nude)					





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10A Sassoon Road

Pokfulam, HK 0 Hong Kong

Billing Information

Payment Method
Purchase Order

PO#: Covering Invoice for

#2023046125

University of Hong Kong 10A Sassoon Road

Pokfulam, HK 0 Hong Kong

Details

Sample(s) from: NULL

Collection Date Arrival Date 28-Aug-2023 19-Sep-2023

Approval Date 28-Sep-2023

Notes

Lab. No. 2309M35 (Interceptor), Location: Specific Pathogen Free Breeding Area- (SPFBA)

Diagnostic Summary

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

Lab. No. 2309M35 (Interceptor), Location: Specific Pathogen Free Breeding Area- (SPFBA)

Molecular Diagnostics: Infectious Disease PCR

Results approved by Peck, DiAnne on 28 Sep 2023

UHK Mouse Quarantine PRIA

<u>1</u> 2309M35, Rm.212 (2023 ICR)

	(2020 1011)
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	-
MuCPV PCR (MKPV)	-
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	-
C. bovis PCR	-
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10A Sassoon Road Pokfulam, HK 0 Hong Kong

Notes

Lab. No. 2309M35 (Interceptor), Location: Specific Pathogen Free Breeding Area- (SPFBA)

Molecular Diagnostics: Infectious Disease PCR

Results approved by Peck, DiAnne on 28 Sep 2023

UHK Mouse Quarantine PRIA (continued)

<u>1</u> 2309M35, Rm.212 (2023 ICR)

	(2020 1011)
C. kutscheri PCR	-
Filobacterium rodentium (CAR Bacillus) PCR	-
Helicobacter genus PCR	-
H. bilis	-
H. hepaticus	-
K. oxytoca PCR	-
K. pneumoniae PCR	-
K Virus PCR	-
M. pulmonis PCR	-
R. heylii PCR	-
R. pneumotropicus PCR	-
P. multocida PCR	-
P. mirabilis PCR	-
Salmonella Genus PCR	-
Ps. aeruginosa PCR	-
S. aureus PCR	-
S. moniliformis PCR	-
S. pneumoniae PCR	-
Toxoplasma gondii PCR	-
Y. enterocolitica PCR	-
Y. pseudotuberculosis PCR	-
Cryptosporidium PCR	-
Chilomastix muris PCR	-
Demodex PCR	-
E. cuniculi PCR	-
Entamoeba PCR	-
Giardia PCR	-
Mite PCR	-
Pinworm PCR	-
Pneumocystis PCR	-





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10A Sassoon Road Pokfulam, HK 0 Hong Kong

Notes

Lab. No. 2309M35 (Interceptor), Location: Specific Pathogen Free Breeding Area- (SPFBA)

Molecular Diagnostics: Infectious Disease PCR

Results approved by Peck, DiAnne on 28 Sep 2023

UHK Mouse Quarantine PRIA (continued)

<u>1</u> 2309M35, Rm.212 (2023 ICR)

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.

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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Notes

Lab. No. 2309M35 (Interceptor), Location: Specific Pathogen Free Breeding Area- (SPFBA)

Number C	Code	Species	Colony	Strain	Age	Sex
F	2309M35, Rm.212 (2023 CR)	Mouse	n/d	2023 ICR		



