Test Results		Order	#:	2020	0038	3503
LTM Customer ID: 38307 The University of Hong Kong U Hong Kong Ctr for Comparative Research	Med	Charles River Res	earch Ar w	imal Diagi 261 Ba Receiving	nostic S (CR llardvale Dock, MA 018	Services RADS) e Street Bldg 22 87 USA
10A Sassoon Road Pokfulam, HK 0 Hong Kong Attn: Miss Chuk Kwan (Candy) Ho						
Billing Information						
Payment Method				University	y of Hon	ng Kong
Purchase Order PO#: 632666			Po	Li Ka 10A ⊳kfulam, H	a Shing Sassoo K 0 Hor	Faculty on Road
Details						0 0
Sample(s) from: NULL						
<i>Collection Date</i> 18-Aug-2020	<i>Arrival Date</i> 10-Sep-2020	Approval 11-Sep-20	<i>Date</i> 020			
Notes Lab. No. 2009M1-2009M27, Location: \$	Specific Pathogen Free Breeding A	rea– (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





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

10A Sassoon Road Pokfulam, HK 0 Hong Kong Attn: Miss Chuk Kwan (Candy) Ho

Notes

Lab. No. 2009M1-2009M27, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Serology

1 2 3 4 5 <u>6</u> 7 8 9 10 2009M1, 2009M2, 2009M3, 2009M4, 2009M5, 2009M6, 2009M7, 2009M8, 2009M9, 2009M10, Rm.206 Rm.206 Rm.206 Rm.207 Rm.207 Rm.207 Rm.208 Rm.208 Rm.208 Rm.209 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 ---------MFIA MTLV ----MFIA POLY ----------MFIA HTNV (HANT) ----------MFIA MPUL _ MFIA CARB ----------MFIA LDV ---------MFIA CPIL _ _ _ -------MFIA ECUN MFIA PHV -_ ---_ -MFIA Anti-Ig Ρ Ρ Ρ Ρ Ρ Ρ Ρ Ρ Ρ Ρ

	<u>11</u> 2009M11,	<u>12</u> 2009M12,	<u>13</u> 2009M13,	<u>14</u> 2009M14,	<u>15</u> 2009M15,	<u>16</u> 2009M16,	<u>17</u> 2009M17,	<u>18</u> 2009M18,	<u>19</u> 2009M19,	<u>20</u> 2009M20,	
	Rm.209	Rm.209	Rm.210	Rm.210	Rm.210	Rm.211	Rm.211	Rm.211	Rm.212	Rm.212	l
MFIA SEND	-	-	-	-	-	-	-	-	-	-	ĺ
MFIA PVM	-	-	-	-	-	-	-	-	-	-	
MFIA MHV	-	-	-	-	-	-	-	-	-	-	
MFIA MVM	-	-	-	-	-	-	-	-	-	-	
MFIA MPV-1	-	-	-	-	-	-	-	-	-	-	l
MFIA MPV-2	-	-	-	-	-	-	-	-	-	-	l
MFIA MPV-5	-	-	-	-	-	-	-	-	-	-	l
MFIA NS-1	-	-	-	_	_	-	_	-	_	-	l





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

Results approved by Estevez, Rebecca on 11 Sep 2020



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

10A Sassoon Road Pokfulam, HK 0 Hong Kong Attn: Miss Chuk Kwan (Candy) Ho

Notes

Lab. No. 2009M1-2009M27, Location: Specific Pathogen Free Breeding Area- (SPFBA)

S

erology						Results ap	proved by	Estevez, R	ebecca on	11 Sep 202
	<u>11</u> 2009M11, Rm.209	<u>12</u> 2009M12, Rm.209	<u>13</u> 2009M13, Rm.210	<u>14</u> 2009M14, Rm.210	<u>15</u> 2009M15, Rm.210	<u>16</u> 2009M16, Rm.211	<u>17</u> 2009M17, Rm.211	<u>18</u> 2009M18, Rm.211	<u>19</u> 2009M19, Rm.212	<u>20</u> 2009M20, Rm.212
MFIA MNV	-	-	-	-	-	-	-	-	-	-
MFIA GDVII	-	-	-	-	-	-	-	-	-	-
MFIA REO	-	-	-	-	-	-	-	-	-	-
MFIA EDIM (ROTA-A)	-	-	-	-	-	-	-	-	-	-
MFIA LCMV	-	-	-	-	-	-	-	-	-	-
MFIA ECTRO	-	-	-	-	-	-	-	-	-	-
MFIA MAV 1 & 2	-	-	-	-	-	-	-	-	-	-
MFIA MCMV	-	-	-	-	-	-	-	-	-	-
MFIA K	-	-	-	-	-	-	-	-	-	-
MFIA MTLV	-	-	-	-	-	-	-	-	-	-
MFIA POLY	-	-	-	-	-	-	-	-	-	-
MFIA HTNV (HANT)	-	-	-	-	-	-	-	-	-	-
MFIA MPUL	-	-	-	-	-	-	-	-	-	-
MFIA CARB	-	-	-	-	-	-	-	-	-	-
MFIA LDV	-	-	-	-	-	-	-	-	-	-
MFIA CPIL	-	-	-	-	-	-	-	-	-	-
MFIA ECUN	-	-	-	-	-	-	-	-	-	-
MFIA PHV	-	-	-	-	-	-	-	-	-	-
MFIA Anti-la	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р

	<u>21</u> 2009M21,	<u>22</u> 2009M22,	<u>23</u> 2009M23,	<u>24</u> 2009M24,	<u>25</u> 2009M25,	<u>26</u> 2009M26,	<u>27</u> 2009M27,
	Rm.212	Rm.214	Rm.214	Rm.214	Rm.215	Rm.215	Rm.215
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	-	-	-	-	-	-	-



2020038503 Order #:

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



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

10A Sassoon Road Pokfulam, HK 0 Hong Kong Attn: Miss Chuk Kwan (Candy) Ho

Notes

Lab. No. 2009M1-2009M27, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Serology

07							
	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>	<u>25</u>	<u>26</u>	<u>27</u>
	2009M21,	2009M22,	2009M23,	2009M24,	2009M25,	2009M26,	2009M27,
	Rm.212	Rm.214	Rm.214	Rm.214	Rm.215	Rm.215	Rm.215
MFIA MTLV	-	-	-	-	-	-	-
MFIA POLY	-	-	-	-	-	-	-
MFIA HTNV (HANT)	-	-	-	-	-	-	-
MFIA MPUL	-	-	-	-	-	-	-
MFIA CARB	-	-	-	-	-	-	-
MFIA LDV	-	-	-	-	-	-	-
MFIA CPIL	-	-	-	-	-	-	-
MFIA ECUN	-	-	-	-	-	-	-
MFIA PHV	-	-	-	-	-	-	-
MFIA Anti-Ig	Р	Р	Р	Р	Р	Р	Р

Serology Profile: UHK MFIA Mouse 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 = 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).

eding Area– (SPFBA) Results approved by Estevez, Rebecca on 11 Sep 2020

Order #: 2020038503





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

10A Sassoon Road Pokfulam, HK 0 Hong Kong Attn: Miss Chuk Kwan (Candy) Ho

Notes

Lab. No. 2009M1-2009M27, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Sample Information

Order #: 2020038503

Number	Code	Species	Colony	Strain	Age	Sex
1	2009M1, Rm.206	Mouse	n/d	Sentinel/ BALB/cAnN	Adult	Female
				-nu (Nude/+)		
2	2009M2,	Mouse	n/d	Sentinel/	Adult	Female
	Rm.206			BALB/cAnN		
				-nu (Nude/+)		
3	2009M3,	Mouse	n/d	Sentinel/	Adult	Female
	Rm.206			BALB/cAnN		
				-nu (Nude/+)		
4	2009M4,	Mouse	n/d	Sentinel/	Adult	Female
	Rm.207			CBA/Ca		
5	2009M5,	Mouse	n/d	Sentinel/	Adult	Female
	Rm.207			CBA/Ca		
6	2009M6,	Mouse	n/d	Sentinel/	Adult	Female
	Rm.207			CBA/Ca		
7	2009M7,	Mouse	n/d	Sentinel/	Adult	Female
	Rm.208			CBA/Ca		
8	2009M8,	Mouse	n/d	Sentinel/	Adult	Female
	Rm.208			CBA/Ca		
9	2009M9,	Mouse	n/d	Sentinel/	Adult	Female
	Rm.208			CBA/Ca		
10	2009M10,	Mouse	n/d	Sentinel/	Adult	Female
	Rm.209			CBA/Ca		
11	2009M11,	Mouse	n/d	Sentinel/	Adult	Female
	Rm.209			CBA/Ca		
12	2009M12,	Mouse	n/d	Sentinel/	Adult	Female
	Rm.209			CBA/Ca		
13	2009M13,	Mouse	n/d	Sentinel/	Adult	Female
	Rm.210			BALB/cAnN		
				-nu (Nude/+)		
14	2009M14,	Mouse	n/d	Sentinel/	Adult	Female
	Rm.210			BALB/cAnN		
				-nu (Nude/+)		
15	2009M15,	Mouse	n/d	Sentinel/	Adult	Female
	Rm.210			BALB/cAnN		
				-nu (Nude/+)		
16	2009M16,	Mouse	n/d	Sentinel/	Adult	Female
	Rm.211			BALB/cAnN		
				-nu (Nude/+)		





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

10A Sassoon Road Pokfulam, HK 0 Hong Kong Attn: Miss Chuk Kwan (Candy) Ho

Notes

Lab. No. 2009M1-2009M27, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Sample Information

2020038503 Order #:)

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

Number	Code	Species	Colony	Strain	Age	Sex	
17	2009M17,	Mouse	n/d	Sentinel/	Adult	Female	
	Rm.211			BALB/cAnN			
				-nu (Nude/+)			
18	2009M18,	Mouse	n/d	Sentinel/	Adult	Female	
	Rm.211			BALB/cAnN			
				-nu (Nude/+)			
19	2009M19,	Mouse	n/d	Sentinel/	Adult	Female	
	Rm.212			BALB/cAnN			
				-nu (Nude/+)			
20	2009M20,	Mouse	n/d	Sentinel/	Adult	Female	
	Rm.212			BALB/cAnN			
				-nu (Nude/+)			
21	2009M21,	Mouse	n/d	Sentinel/	Adult	Female	
	Rm.212			BALB/cAnN			
				-nu (Nude/+)			
22	2009M22,	Mouse	n/d	Sentinel/	Adult	Female	
	Rm.214			BALB/c			
23	2009M23,	Mouse	n/d	Sentinel/	Adult	Female	
	Rm.214			BALB/c			
24	2009M24,	Mouse	n/d	Sentinel/	Adult	Female	
	Rm.214			BALB/c			
25	2009M25,	Mouse	n/d	Sentinel/	Adult	Female	
	Rm.215			ICR (CD-1)			
26	2009M26,	Mouse	n/d	Sentinel/	Adult	Female	
	Rm.215			ICR (CD-1)			
27	2009M27,	Mouse	n/d	Sentinel/	Adult	Female	
	Rm.215			ICR (CD-1)			





Test Results 2020038505 Order #: LTM Customer ID: 38307 Charles River Research Animal Diagnostic Services (CR RADS) The University of Hong Kong 261 Ballardvale Street U Hong Kong Ctr for Comparative Med Receiving Dock, Bldg 22 Research Wilmington MA 01887 USA 10A Sassoon Road Pokfulam, HK 0 Hong Kong Attn: Miss Chuk Kwan (Candy) Ho **Billing Information** Payment Method University of Hong Kong Li Ka Shing Faculty PO#: 632666 Purchase Order 10A Sassoon Road Pokfulam, HK 0 Hong Kong Details Sample(s) from: NULL Arrival Date Collection Date Approval Date 21-Aug-2020 10-Sep-2020 11-Sep-2020 Notes Lab. No. 2009R1-2009R9, Location: Specific Pathogen Free Breeding Area- (SPFBA) Diagnostic Summary ? PDG Test Colony Tested +/-+ MFIA PCAR ("RRV") n/d 9 9 0 0 0 UHK MFIA Rat Full Profile + = 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.





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

10A Sassoon Road Pokfulam, HK 0 Hong Kong Attn: Miss Chuk Kwan (Candy) Ho

Notes

Lab. No. 2009R1-2009R9, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Serology

		2	•		E	c	7	0	•
	<u>1</u> 2009R1	2009R2	<u>3</u> 2009R3	<u>4</u> 2009R4	2009R5	2009R6	200987	<u>ð</u> 2009R8	2009R9
	Rm.220	Rm.220	Rm.220	Rm.222	Rm.222	Rm.222	Rm.232	Rm.232	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	-	-	-	-	-	-	-	-	-
MFIA PCAR ("RRV")	+	+	+	+	+	+	+	+	+
MFIA CPIL	-	-	-	-	-	-	-	-	-
MFIA LCMV	-	-	-	-	-	-	-	-	-
MFIA IDIR (ROTA-B)	-	-	-	-	-	-	-	-	-
MFIA Anti-Ig	Р	Р	Р	Р	Р	Р	Р	Р	Р

Serology Profile: UHK MFIA Rat 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 = 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).



Order #: 2020038505





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

10A Sassoon Road Pokfulam, HK 0 Hong Kong Attn: Miss Chuk Kwan (Candy) Ho

Notes

Lab. No. 2009R1-2009R9, Location: Specific Pathogen Free Breeding Area- (SPFBA)

2020038505 Order #:

Sampl	e Informa	tion					
Number	Code	Species	Colony	Strain	Age	Sex	
1	2009R1, Rm.220	Rat	n/d	Sentinel/ CD(SD)IGS (Sprague Dawley)	Adult	Female	
2	2009R2, Rm.220	Rat	n/d	Sentinel/ CD(SD)IGS (Sprague Dawley)	Adult	Female	
3	2009R3, Rm.220	Rat	n/d	Sentinel/ CD(SD)IGS (Sprague Dawley)	Adult	Female	
4	2009R4, Rm.222	Rat	n/d	Sentinel/ CD(SD)IGS (Sprague Dawley)	Adult	Female	
5	2009R5, Rm.222	Rat	n/d	Sentinel/ CD(SD)IGS (Sprague Dawley)	Adult	Female	
6	2009R6, Rm.222	Rat	n/d	Sentinel/ CD(SD)IGS (Sprague Dawley)	Adult	Female	
7	2009R7, Rm.232	Rat	n/d	Sentinel/ CD(SD)IGS (Sprague Dawley)	Adult	Female	
8	2009R8, Rm.232	Rat	n/d	Sentinel/ CD(SD)IGS (Sprague Dawley)	Adult	Female	
9	2009R9, Rm.232	Rat	n/d	Sentinel/ CD(SD)IGS (Sprague Dawley)	Adult	Female	





Test Result	s		Or	der #:	20)2003	38506
LTM Customer ID: The University of H U Hong Kong Ctr fo Research	38307 long Kong or Comparative Med		Charles Rive	r Researc	h Animal I 26′ Rece Wilming	Diagnosti ((Ballardv iving Doc ton MA 0	c Services CR RADS) vale Street k, Bldg 22 1887 USA
10A Sassoon Road Pokfulam, HK 0 Hong Attn: Miss Chuk Kwar	Kong ı (Candy) Ho						
Billing Informa	tion						
Payment Method					Unive	ersity of H	long Kong
Purchase Order	PO#: 632666				Pokfulan	Li Ka Shi 10A Sase n, HK 0 F	ng Faculty soon Road long Kong
Details							
Sample(s) from:	NULL						
Collection Date 21-Aug-2020		<i>Arrival Date</i> 10-Sep-2020	Арр 11-5	roval Date Sep-2020	9		
Notes Lab. No. 2009Gp1-20	09Gp3, Location: Specif	ic Pathogen Free Breeding Area	a– (SPFBA)				
Diagnostic S	ummarv						
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,

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summarized this important information in infectious agent Technical Sheets, which you can view by visiting





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

10A Sassoon Road Pokfulam, HK 0 Hong Kong Attn: Miss Chuk Kwan (Candy) Ho

Notes

Lab. No. 2009Gp1-2009Gp3, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Serology

	<u>1</u> 2009Gp1	<u>2</u>	<u>3</u> 2009Gp3
	Rm.201	Rm.201	Rm.201
MFIA SEND	-	-	-
MFIA ECUN	-	-	-
MFIA PIV-3	-	-	-
MFIA GAV	-	-	-
MFIA GpCMV	-	-	-
MFIA CARB	-	-	-
MFIA CPIL	-	-	-
MFIA LCMV	-	-	-
MFIA PVM	-	-	-
MFIA REO	-	-	-
MFIA Anti-Ig	Р	Р	Р

Serology Profile: UHK MFIA Guinea Pig 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 = 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).

Order #: 2020038506 Charles River Research Animal Diagnostic Services (CR RADS) 261 Ballardvale Street Receiving Dock, Bldg 22 Wilmington MA 01887 USA

Results approved by Estevez, Rebecca on 11 Sep 2020





Order #: 2020038506

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

10A Sassoon Road Pokfulam, HK 0 Hong Kong Attn: Miss Chuk Kwan (Candy) Ho

Notes

Lab. No. 2009Gp1-2009Gp3, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Sample Information

-						
Number	Code	Species	Colony	Strain	Age	Sex
1	2009Gp1,	Guinea pig	n/d	Sentinel/	Adult	Male
	Rm.201			DH (Dunkin		
				Hartley)		
2	2009Gp2,	Guinea pig	n/d	Sentinel/	Adult	Male
	Rm.201			DH (Dunkin		
				Hartley)		
3	2009Gp3,	Guinea pig	n/d	Sentinel/	Adult	Male
	Rm.201			DH (Dunkin		
				Hartley)		





Test Results		Order #	#:	20	2003	38507
LTM Customer ID: 38307 The University of Hong Kong U Hong Kong Ctr for Comparative Me Research	d	Charles River Res	earch	Animal D 261 Recei Wilmingt	Viagnosti ((Ballard\ ving Doc on MA 0	c Services CR RADS) /ale Street k, Bldg 22 1887 USA
10A Sassoon Road Pokfulam, HK 0 Hong Kong Attn: Miss Chuk Kwan (Candy) Ho						
Billing Information						
Payment Method				Unive	rsity of ⊦	long Kong
Purchase Order PO#: 632666				L 1 Pokfulam	.i Ka Shi ∣0A Sass n, HK 0 F	ng Faculty soon Road long Kong
Details						
Sample(s) from: NULL						
<i>Collection Date</i> 28-Aug-2020	<i>Arrival Date</i> 10-Sep-2020	Approval 1 14-Sep-20	<i>Date</i> 020			
Notes Lab. No. 2009Rb1-2009Rb6, Location: Spe	cific 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





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

10A Sassoon Road Pokfulam, HK 0 Hong Kong Attn: Miss Chuk Kwan (Candy) Ho

Notes

Lab. No. 2009Rb1-2009Rb6, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Serology

	<u>1</u> 2009Rb1	<u>2</u> 2009Rb2	<u>3</u> 2009Rb3	<u>4</u> 2009Rb4	<u>5</u> 2009Rb5	<u>6</u> 2009Rb6
	Rm.233	Rm.233	Rm.233	Rm.233	Rm.233	Rm.233
MFIA ROTA	-	-	-	-	-	-
MFIA ECUN	-	-	-	-	-	-
MFIA CPIL	-	-	-	-	-	-
MFIA CARB	-	-	-	-	-	-
MFIA PIV-1	-	-	-	-	-	-
MFIA PIV-5	-	-	-	-	-	-
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 = 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).

Order #: 2020038507 Charles River Research Animal Diagnostic Services (CR RADS) 261 Ballardvale Street Receiving Dock, Bldg 22 Wilmington MA 01887 USA

Results approved by Kudalis, Diane on 14 Sep 2020





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

10A Sassoon Road Pokfulam, HK 0 Hong Kong Attn: Miss Chuk Kwan (Candy) Ho

Notes

Lab. No. 2009Rb1-2009Rb6, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Sample Information

2020038507 Order #: (CR RADS)

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

Charles River Research Animal Diagnostic Services

-						
Number	Code	Species	Colony	Strain	Age	Sex
1	2009Rb1,	Rabbit	n/d	NZW (New	5J2 Breeder	Female
	Rm.233			Zealand		
				White)		
2	2009Rb2,	Rabbit	n/d	NZW (New	5H1 Breeder	Female
	Rm.233			Zealand		
				White)		
3	2009Rb3,	Rabbit	n/d	NZW (New	5A2	Female
	Rm.233			Zealand	Lactating	
				White)		
4	2009Rb4,	Rabbit	n/d	NZW (New	512	Female
	Rm.233			Zealand	Lactating	
				White)		
5	2009Rb5,	Rabbit	n/d	NZW (New	1U5 Stock	Female
	Rm.233			Zealand		
				White)		
6	2009Rb6,	Rabbit	n/d	NZW (New	1J5 Stock	Female
	Rm.233			Zealand		
				White)		





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

10A Sassoon Road Pokfulam, HK 0 Hong Kong Attn: Miss Chuk Kwan (Candy) Ho

Billing Information

Payment Method Purchase Order PO#: 632666

Details

Sample(s) from: NULL Collection Date 25-Aug-2020

Arrival Date 10-Sep-2020

Approval Date 17-Sep-2020

Notes

Lab. No. 2009SHM25, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Diagnostic Summary

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

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.





Charles River Research Animal Diagnostic Services

University of Hong Kong Li Ka Shing Faculty 10A Sassoon Road Pokfulam, HK 0 Hong Kong

(CR RADS)

261 Ballardvale Street

Receiving Dock, Bldg 22

Wilmington MA 01887 USA

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

10A Sassoon Road Pokfulam, HK 0 Hong Kong Attn: Miss Chuk Kwan (Candy) Ho

Notes

Lab. No. 2009SHM25, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Molecular Diagnostics: Infectious Disease PCR

Helicobacter Screen PCR

	<u>1</u> 2009SHM25,
	Rm.215
Helicobacter genus	+
H. bilis	+
H. ganmani	+
H. hepaticus	+
H. mastomyrinus	-
H. rodentium	-
H. typhlonius	-

Assays

	1 2009SHM25 Rm.215
Streptobacillus moniliformis 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.

Recommended sample types are essential to accurate results. Missing or inappropriate sample types can effect 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.



Order #: 2020038687

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

Results approved by Peck, DiAnne on 17 Sep 2020



Order #: 2020038687

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

10A Sassoon Road Pokfulam, HK 0 Hong Kong Attn: Miss Chuk Kwan (Candy) Ho

Notes

Lab. No. 2009SHM25, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex
1	2009SHM25,	Mouse	n/d	Sentinel/	Adult	Female
	Rm.215			ICR (CD-1)		







LTM Customer ID: 38307 The University of Hong Kong U Hong Kong Ctr for Comparative Med Research 10A Sassoon Road Pokfulam, HK 0 Hong Kong Attn: Miss Chuk Kwan (Candy) Ho Billing Information Payment Method Purchase Order PO#: 632666 University of Hong University of Hong University of Hong 10A Sassoon Pokfulam, HK 0 Hong Conserve Conserve	Test Resu	Its		Order #	:	2020	038	686
10A Sassoon Road Pokfulam, HK 0 Hong Kong Attn: Miss Chuk Kwan (Candy) Ho Billing Information Payment Method University of Hol Purchase Order PO#: 632666 Li Ka Shing 10A Sasson Pokfulam, HK 0 Hol University of Hol Details Sample(s) from: NULL Collection Date Arrival Date Approval Date 21-Aug-2020 10-Sep-2020 16-Sep-2020 Notes Lab. No. 2009SHR7, Location: Specific Pathogen Free Breeding Area– (SPFBA) Details	LTM Customer ID: 38307 The University of Hong Kong U Hong Kong Ctr for Comparative Med Research			Charles River Research Animal Diagnostic Servic (CR RAD 261 Ballardvale Stre Receiving Dock, Bldg				
Billing Information University of Ho. Payment Method University of Ho. Purchase Order PO#: 632666 Li Ka Shing 10A Sasson 10A Sasson Pokfulam, HK 0 Hoi Pokfulam, HK 0 Hoi Details Sample(s) from: NULL Collection Date Arrival Date Approval Date 21-Aug-2020 10-Sep-2020 16-Sep-2020 Notes Lab. No. 2009SHR7, Location: Specific Pathogen Free Breeding Area– (SPFBA)	10A Sassoon Road Pokfulam, HK 0 Ho Attn: Miss Chuk Kw	d ng Kong van (Candy) Ho						
Payment Method University of Ho Purchase Order PO#: 632666 Li Ka Shing 10A Sasson 10A Sasson Pokfulam, HK 0 Hor Pokfulam, HK 0 Hor Details Sample(s) from: NULL Collection Date Arrival Date Approval Date 21-Aug-2020 10-Sep-2020 16-Sep-2020 Notes Lab. No. 2009SHR7, Location: Specific Pathogen Free Breeding Area- (SPFBA)	Billing Inforn	nation						
Purchase Order PO#: 632666 Li Ka Shing 10A Sasson Pokfulam, HK 0 Hoi Details Sample(s) from: NULL Collection Date Arrival Date Approval Date 21-Aug-2020 10-Sep-2020 16-Sep-2020 Notes Lab. No. 2009SHR7, Location: Specific Pathogen Free Breeding Area– (SPFBA)	Payment Method					University	of Hong	3 Kong
IDA Sassoi Pokfulam, HK 0 Ho Details Sample(s) from: NULL Collection Date Arrival Date Approval Date 21-Aug-2020 10-Sep-2020 16-Sep-2020 Notes Lab. No. 2009SHR7, Location: Specific Pathogen Free Breeding Area– (SPFBA) Dimensional Collection of the col	Purchase Order PO#: 632666					Li Ka	Shing F	aculty
Details Sample(s) from: NULL Collection Date Arrival Date Approval Date 21-Aug-2020 10-Sep-2020 16-Sep-2020 Notes Lab. No. 2009SHR7, Location: Specific Pathogen Free Breeding Area- (SPFBA) Image: Specific Pathogen Free Breeding Area- (SPFBA)					Po	kfulam, HK	0 Hong	j Kong
Sample(s) from: NULL Collection Date Arrival Date Approval Date 21-Aug-2020 10-Sep-2020 16-Sep-2020 Notes Lab. No. 2009SHR7, Location: Specific Pathogen Free Breeding Area- (SPFBA) Vertical Second S	Details							
Collection Date Arrival Date Approval Date 21-Aug-2020 10-Sep-2020 16-Sep-2020 Notes Lab. No. 2009SHR7, Location: Specific Pathogen Free Breeding Area- (SPFBA)	Sample(s) from:	NULL						
21-Aug-2020 10-Sep-2020 16-Sep-2020 Notes Lab. No. 2009SHR7, Location: Specific Pathogen Free Breeding Area- (SPFBA)	Collection Date		Arrival Date	Approval D	ate			
Notes Lab. No. 2009SHR7, Location: Specific Pathogen Free Breeding Area– (SPFBA)	21-Aug-2020		10-Sep-2020	16-Sep-202	20			
	<i>Notes</i> Lab. No. 2009SHR	7, Location: Specific Path	ogen Free Breeding Area– (SPFBA)					
Diagnostic Summary	Diagnostic	Summary						
Test Colony Tested + +/- ?	Test	<i>j</i>	Colony	Tested +		+/- ?	•	PDG
All results NEGATIVE			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,

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

10A Sassoon Road Pokfulam, HK 0 Hong Kong Attn: Miss Chuk Kwan (Candy) Ho

Notes

Lab. No. 2009SHR7, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Molecular Diagnostics: Infectious Disease PCR

Helicobacter Screen PCR

	<u>1</u> 2009SHR7,
	Rm.232
Helicobacter genus	-
H. bilis	-
H. ganmani	-
H. hepaticus	-
H. mastomyrinus	-
H. rodentium	-
H. typhlonius	-

Assays

	<u>1</u> 2009SHR7 Rm.232
Streptobacillus moniliformis 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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Order #: 2020038686

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

Results approved by Thor, Savin on 16 Sep 2020

Order #: 2020038686

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

10A Sassoon Road Pokfulam, HK 0 Hong Kong Attn: Miss Chuk Kwan (Candy) Ho

Notes

Lab. No. 2009SHR7, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex
1	2009SHR7,	Rat	n/d	Sentinel/	Adult	Female
	Rm.232			CD(SD)IGS		
				(Sprague		
				Dawley)		





Test Results 2020038688 Order #: LTM Customer ID: 38307 Charles River Research Animal Diagnostic Services (CR RADS) The University of Hong Kong 261 Ballardvale Street U Hong Kong Ctr for Comparative Med Receiving Dock, Bldg 22 Research Wilmington MA 01887 USA 10A Sassoon Road Pokfulam, HK 0 Hong Kong Attn: Miss Chuk Kwan (Candy) Ho **Billing Information** Payment Method University of Hong Kong Li Ka Shing Faculty PO#: 632666 Purchase Order 10A Sassoon Road Pokfulam, HK 0 Hong Kong Details Sample(s) from: NULL Approval Date Arrival Date Collection Date 18-Aug-2020 10-Sep-2020 16-Sep-2020 Notes Lab. No. 2009PM1-2009PM2, Location: Specific Pathogen Free Breeding Area- (SPFBA) **Diagnostic Summary** ? PDG Test Colony Tested + +/-Pneumocystis PCR n/d 2 1 0 0 0 + = Positive, +/- = Equivocal, ? = Indeterminate, PDG = Pending

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

10A Sassoon Road Pokfulam, HK 0 Hong Kong Attn: Miss Chuk Kwan (Candy) Ho

Notes

Lab. No. 2009PM1-2009PM2, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Molecular Diagnostics: Infectious Disease PCR

Assays

	<u>1</u> 2009PM1, Pm 215	2 2009PM2, Bm 215
	1111.215	111.213
ystis PCR	+	-

Remarks

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Inconclusive indicates failure of control result.

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Order #: 2020038688

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

Results approved by Magan, Kyria on 16 Sep 2020



Order #: 2020038688

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

10A Sassoon Road Pokfulam, HK 0 Hong Kong Attn: Miss Chuk Kwan (Candy) Ho

Notes

Lab. No. 2009PM1-2009PM2, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex
1	2009PM1, Rm 215	Mouse	n/d	ICR (CD-1)	5-6 weeks	Female
2	2009PM2, Rm.215	Mouse	n/d	ICR (CD-1)	5-6 weeks	Female



