

Test Results

Order #: 2019038611

LTM Customer ID: 38307
The University of Hong Kong
U Hong Kong, Lab Animal Unit RADS/GTS

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: Mr. Kwong Ming Lam

Billing Information

Payment Method
Purchase Order PO#: 623032

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

Details

Sample(s) from: NULL

Collection Date	Arrival Date	Approval Date
27-Aug-2019	06-Sep-2019	10-Sep-2019

Notes

Lab. No. 1909M1-1909M27, 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: Mr. Kwong Ming Lam

Notes

Lab. No. 1909M1-1909M27, Location: Specific Pathogen Free Breeding Area– (SPFBA)

Serology

Results approved by Castillo, Luz on 10 Sep 2019

	<u>1</u> 1909M1, Rm.206	<u>2</u> 1909M2, Rm.206	<u>3</u> 1909M3 Rm.206	<u>4</u> 1909M4, Rm.207	<u>5</u> 1909M5, Rm.207	<u>6</u> 1909M6, Rm.207	<u>7</u> 1909M7, Rm.208	<u>8</u> 1909M8, Rm.208	<u>9</u> 1909M9, Rm.208	<u>10</u> 1909M10, 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	P	P	P	P	P	P	P	P	P	P

	<u>11</u> 1909M11, Rm.209	<u>12</u> 1909M12, Rm.209	<u>13</u> 1909M13, Rm.210	<u>14</u> 1909M14, Rm.210	<u>15</u> 1909M15, Rm.210	<u>16</u> 1909M16, Rm.211	<u>17</u> 1909M17, Rm.211	<u>18</u> 1909M18, Rm.211	<u>19</u> 1909M19, Rm.212	<u>20</u> 1909M20, Rm.212
MFIA SEND	-	-	-	-	-	-	-	-	-	-
MFIA PVM	-	-	-	-	-	-	-	-	-	-
MFIA MHV	-	-	-	-	-	-	-	-	-	-
MFIA MVM	-	-	-	-	-	-	-	-	-	-
MFIA MPV-1	-	-	-	-	-	-	-	-	-	-
MFIA MPV-2	-	-	-	-	-	-	-	-	-	-
MFIA MPV-5	-	-	-	-	-	-	-	-	-	-
MFIA NS-1	-	-	-	-	-	-	-	-	-	-

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 Attn: Mr. Kwong Ming Lam

Notes

Lab. No. 1909M1-1909M27, Location: Specific Pathogen Free Breeding Area– (SPFBA)

Serology

Results approved by Castillo, Luz on 10 Sep 2019

	<u>11</u> 1909M11, Rm.209	<u>12</u> 1909M12, Rm.209	<u>13</u> 1909M13, Rm.210	<u>14</u> 1909M14, Rm.210	<u>15</u> 1909M15, Rm.210	<u>16</u> 1909M16, Rm.211	<u>17</u> 1909M17, Rm.211	<u>18</u> 1909M18, Rm.211	<u>19</u> 1909M19, Rm.212	<u>20</u> 1909M20, 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-Ig	P	P	P	P	P	P	P	P	P	P

	<u>21</u> 1909M21, Rm.212	<u>22</u> 1909M22, Rm.214	<u>23</u> 1909M23, Rm.214	<u>24</u> 1909M24, Rm.214	<u>25</u> 1909M25, Rm.215	<u>26</u> 1909M26, Rm.215	<u>27</u> 1909M27, 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	-	-	-	-	-	-	-

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Notes

Lab. No. 1909M1-1909M27, Location: Specific Pathogen Free Breeding Area– (SPFBA)

Serology

Results approved by Castillo, Luz on 10 Sep 2019

	<u>21</u> 1909M21, Rm.212	<u>22</u> 1909M22, Rm.214	<u>23</u> 1909M23, Rm.214	<u>24</u> 1909M24, Rm.214	<u>25</u> 1909M25, Rm.215	<u>26</u> 1909M26, Rm.215	<u>27</u> 1909M27, Rm.215
MFIA MTLV	-	-	-	-	-	-	-
MFIA POLY	-	-	-	-	-	-	-
MFIA HTNV (HANT)	-	-	-	-	-	-	-
MFIA MPUL	-	-	-	-	-	-	-
MFIA CARB	-	-	-	-	-	-	-
MFIA LDV	-	-	-	-	-	-	-
MFIA CPIL	-	-	-	-	-	-	-
MFIA ECUN	-	-	-	-	-	-	-
MFIA PHV	-	-	-	-	-	-	-
MFIA Anti-Ig	P	P	P	P	P	P	P

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).

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Notes

Lab. No. 1909M1-1909M27, Location: Specific Pathogen Free Breeding Area– (SPFBA)

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex
1	1909M1, Rm.206	Mouse	n/d	Sentinel/ BALB/cAnN -nu (Nude/+)	Adult	Female
2	1909M2, Rm.206	Mouse	n/d	Sentinel/ BALB/cAnN -nu (Nude/+)	Adult	Female
3	1909M3 Rm.206	Mouse	n/d	Sentinel/ BALB/cAnN -nu (Nude/+)	Adult	Female
4	1909M4, Rm.207	Mouse	n/d	Sentinel/ F1 (C57BL/6N x CBA/Ca)	Adult	Female
5	1909M5, Rm.207	Mouse	n/d	Sentinel/ F1 (C57BL/6N x CBA/Ca)	Adult	Female
6	1909M6, Rm.207	Mouse	n/d	Sentinel/ F1 (C57BL/6N x CBA/Ca)	Adult	Female
7	1909M7, Rm.208	Mouse	n/d	Sentinel/ CBA/Ca	Adult	Female
8	1909M8, Rm.208	Mouse	n/d	Sentinel/ CBA/Ca	Adult	Female
9	1909M9, Rm.208	Mouse	n/d	Sentinel/ CBA/Ca	Adult	Female
10	1909M10, Rm.209	Mouse	n/d	Sentinel/ CBA/Ca	Adult	Female
11	1909M11, Rm.209	Mouse	n/d	Sentinel/ CBA/Ca	Adult	Female
12	1909M12, Rm.209	Mouse	n/d	Sentinel/ CBA/Ca	Adult	Female
13	1909M13, Rm.210	Mouse	n/d	Sentinel/ BALB/cAnN -nu (Nude/+)	Adult	Female
14	1909M14, Rm.210	Mouse	n/d	Sentinel/ BALB/cAnN -nu (Nude/+)	Adult	Female
15	1909M15, Rm.210	Mouse	n/d	Sentinel/ BALB/cAnN -nu (Nude/+)	Adult	Female

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Notes

Lab. No. 1909M1-1909M27, Location: Specific Pathogen Free Breeding Area– (SPFBA)

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex
16	1909M16, Rm.211	Mouse	n/d	Sentinel/ BALB/cAnN -nu (Nude/+)	Adult	Female
17	1909M17, Rm.211	Mouse	n/d	Sentinel/ BALB/cAnN -nu (Nude/+)	Adult	Female
18	1909M18, Rm.211	Mouse	n/d	Sentinel/ BALB/cAnN -nu (Nude/+)	Adult	Female
19	1909M19, Rm.212	Mouse	n/d	Sentinel/ BALB/cAnN -nu (Nude/+)	Adult	Female
20	1909M20, Rm.212	Mouse	n/d	Sentinel/ BALB/cAnN -nu (Nude/+)	Adult	Female
21	1909M21, Rm.212	Mouse	n/d	Sentinel/ BALB/cAnN -nu (Nude/+)	Adult	Female
22	1909M22, Rm.214	Mouse	n/d	Sentinel/ BALB/c	Adult	Female
23	1909M23, Rm.214	Mouse	n/d	Sentinel/ BALB/c	Adult	Female
24	1909M24, Rm.214	Mouse	n/d	Sentinel/ BALB/c	Adult	Female
25	1909M25, Rm.215	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female
26	1909M26, Rm.215	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female
27	1909M27, Rm.215	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female

Test Results

Order #: **2019038753**

LTM Customer ID: 38307
The University of Hong Kong
U Hong Kong, Lab Animal Unit RADS/GTS

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: Mr. Kwong Ming Lam

Billing Information

Payment Method
Purchase Order PO#: 623032

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

Details

Sample(s) from: NULL

Collection Date	Arrival Date	Approval Date
26-Aug-2019	06-Sep-2019	10-Sep-2019

Notes

Lab. No. 1909R1-1909R9, Location: Specific Pathogen Free Breeding Area-- (SPFBA)

Diagnostic Summary

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

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

To assure the health status of your research animal colonies, it is essential that you understand the sources, pathobiology, diagnosis and control of pathogens and other adventitious infectious agents that may cause research interference. We have summarized this important information in infectious agent **Technical Sheets**, which you can view by visiting http://www.criver.com/info/disease_sheets.

Test Results

Order #: 2019038753

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261 Ballardvale Street
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10A Sassoon Road
Pokfulam, HK 0 Hong Kong
Attn: Mr. Kwong Ming Lam

Notes

Lab. No. 1909R1-1909R9, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Serology

Results approved by Castillo, Luz on 10 Sep 2019

	<u>1</u> 1909R1, Rm.220	<u>2</u> 1909R2, Rm.220	<u>3</u> 1909R3, Rm.220	<u>4</u> 1909R4, Rm.222	<u>5</u> 1909R5, Rm.222	<u>6</u> 1909R6, Rm.222	<u>7</u> 1909R7, Rm.232	<u>8</u> 1909R8, Rm.232	<u>9</u> 1909R9, 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	P	P	P	P	P	P	P	P	P

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).

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Attn: Mr. Kwong Ming Lam

Notes

Lab. No. 1909R1-1909R9, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex
1	1909R1, Rm.220	Rat	n/d	Sentinel/ CD(SD)IGS (Sprague Dawley)	Adult	Female
2	1909R2, Rm.220	Rat	n/d	Sentinel/ CD(SD)IGS (Sprague Dawley)	Adult	Female
3	1909R3, Rm.220	Rat	n/d	Sentinel/ CD(SD)IGS (Sprague Dawley)	Adult	Female
4	1909R4, Rm.222	Rat	n/d	Sentinel/ CD(SD)IGS (Sprague Dawley)	Adult	Female
5	1909R5, Rm.222	Rat	n/d	Sentinel/ CD(SD)IGS (Sprague Dawley)	Adult	Female
6	1909R6, Rm.222	Rat	n/d	Sentinel/ CD(SD)IGS (Sprague Dawley)	Adult	Female
7	1909R7, Rm.232	Rat	n/d	Sentinel/ CD(SD)IGS (Sprague Dawley)	Adult	Female
8	1909R8, Rm.232	Rat	n/d	Sentinel/ CD(SD)IGS (Sprague Dawley)	Adult	Female
9	1909R9, Rm.232	Rat	n/d	Sentinel/ CD(SD)IGS (Sprague Dawley)	Adult	Female

Test Results

Order #: **2019038761**

LTM Customer ID: 38307
The University of Hong Kong
U Hong Kong, Lab Animal Unit RADS/GTS

Charles River Research Animal Diagnostic Services
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261 Ballardvale Street
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10A Sassoon Road
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Attn: Mr. Kwong Ming Lam

Billing Information

Payment Method
Purchase Order PO#: 623032

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

Details

Sample(s) from: NULL

Collection Date	Arrival Date	Approval Date
26-Aug-2019	06-Sep-2019	09-Sep-2019

Notes

Lab. No. 1909Gp1-1909Gp3, 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

10A Sassoon Road
Pokfulam, HK 0 Hong Kong
Attn: Mr. Kwong Ming Lam

Notes

Lab. No. 1909Gp1-1909Gp3, Location: Specific Pathogen Free Breeding Area– (SPFBA)

Serology

Results approved by Tejada, Rosanilis on 09 Sep 2019

	<u>1</u> 1909Gp1, Rm.213	<u>2</u> 1909Gp2, Rm.213	<u>3</u> 1909Gp3, Rm.213
MFIA SEND	-	-	-
MFIA ECUN	-	-	-
MFIA PIV-3	-	-	-
MFIA GAV	-	-	-
MFIA GpCMV	-	-	-
MFIA CARB	-	-	-
MFIA CPIL	-	-	-
MFIA LCMV	-	-	-
MFIA PVM	-	-	-
MFIA REO	-	-	-
MFIA Anti-Ig	P	P	P

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).

Test Results

Order #: 2019038761

LTM Customer ID: 38307
The University of Hong Kong
U Hong Kong, Lab Animal Unit RADS/GTS

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: Mr. Kwong Ming Lam

Notes

Lab. No. 1909Gp1-1909Gp3, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex
1	1909Gp1, Rm.213	Guinea pig	n/d	Sentinel/ DH (Dunkin Hartley)	Adult	Female
2	1909Gp2, Rm.213	Guinea pig	n/d	Sentinel/ DH (Dunkin Hartley)	Adult	Female
3	1909Gp3, Rm.213	Guinea pig	n/d	Sentinel/ DH (Dunkin Hartley)	Adult	Female

Test Results

Order #: **2019038760**

LTM Customer ID: 38307
The University of Hong Kong
U Hong Kong, Lab Animal Unit RADS/GTS

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: Mr. Kwong Ming Lam

Billing Information

Payment Method
Purchase Order PO#: 623032

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

Details

Sample(s) from: NULL

Collection Date	Arrival Date	Approval Date
23-Aug-2019	06-Sep-2019	10-Sep-2019

Notes

Lab. No. 1909Rb1-1909Rb6, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Diagnostic Summary

Test	Colony	Tested	+	+/-	?	PDG
IFA RbAV	n/d	6	0	0	2	0
UHK MFIA Rabbit 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.

Test Results

Order #: 2019038760

LTM Customer ID: 38307
The University of Hong Kong
U Hong Kong, Lab Animal Unit RADS/GTS

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: Mr. Kwong Ming Lam

Notes

Lab. No. 1909Rb1-1909Rb6, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Serology

Results approved by Castillo, Luz on 10 Sep 2019

	<u>1</u> 1909Rb1, Rm.233	<u>2</u> 1909Rb2, Rm.233	<u>3</u> 1909Rb3, Rm.233	<u>4</u> 1909Rb4, Rm.233	<u>5</u> 1909Rb5, Rm.233	<u>6</u> 1909Rb6, Rm.233
MFIA ROTA	-	-	-	-	-	-
MFIA ECUN	-	-	-	-	-	-
MFIA CPIL	-	-	-	-	-	-
MFIA CARB	-	-	-	-	-	-
MFIA PIV-1	-	-	-	-	-	-
MFIA PIV-5 (PIV-2)	-	-	-	-	-	-
MFIA TOXO GONDII	-	-	-	-	-	-
MFIA Anti-Ig	P	P	P	P	P	P
RPR TREP	-	-	-	-	-	-
ELISA RHDV	-	-	-	-	-	-
IFA RbAV	TC	-	-	TC	-	-
IFA RbCV	-	-	-	-	-	-
ELISA Myxoma	-	-	-	-	-	-

Rechecked TC
results refer
Order #:
2019045007

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).

Test Results

Order #: 2019038760

LTM Customer ID: 38307
The University of Hong Kong
U Hong Kong, Lab Animal Unit RADS/GTS

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: Mr. Kwong Ming Lam

Notes

Lab. No. 1909Rb1-1909Rb6, Location: Specific Pathogen Free Breeding Area- (SPFBA)

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex
1	1909Rb1, Rm.233	Rabbit	n/d	NZW (New Zealand White)		Male
2	1909Rb2, Rm.233	Rabbit	n/d	NZW (New Zealand White)		Male
3	1909Rb3, Rm.233	Rabbit	n/d	NZW (New Zealand White)		Female
4	1909Rb4, Rm.233	Rabbit	n/d	NZW (New Zealand White)		Female
5	1909Rb5, Rm.233	Rabbit	n/d	NZW (New Zealand White)		Female
6	1909Rb6, Rm.233	Rabbit	n/d	NZW (New Zealand White)		Female

Test Results

Order #: 2019045007

LTM Customer ID: 38307
The University of Hong Kong
U Hong Kong, Lab Animal Unit RADS/GTS

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: Mr. Kwong Ming Lam

Billing Information

Payment Method
No bill

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

Details

Sample(s) from: NULL

Collection Date
18-Sep-2019

Arrival Date
26-Sep-2019

Approval Date
27-Sep-2019

Notes

Lab. No. 1909T401-1909T402, Location: SPFBA, "Two free tests for IFA RbAV Testing to resolve TC result"

Diagnostic Summary

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

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

To assure the health status of your research animal colonies, it is essential that you understand the sources, pathobiology, diagnosis and control of pathogens and other adventitious infectious agents that may cause research interference. We have summarized this important information in infectious agent **Technical Sheets**, which you can view by visiting http://www.criver.com/info/disease_sheets.

Serology

Results approved by Castillo, Luz on 27 Sep 2019

	1 1909T401, Rm.233	2 1909T402, Rm.233
IFA RbAV	-	-

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.

Test Results

Order #: **2019045007**

LTM Customer ID: 38307
The University of Hong Kong
U Hong Kong, Lab Animal Unit RADS/GTS

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: Mr. Kwong Ming Lam

Notes

Lab. No. 1909T401-1909T402, Location: SPFBA, "Two free tests for IFA RbAV Testing to resolve TC result"

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex
1	1909T401, Rm.233	Rabbit	n/d	NZW (New Zealand White)		Male
2	1909T402, Rm.233	Rabbit	n/d	NZW (New Zealand White)		Female

RESOURCES

GLOSSARY OF TERMS

Agent	Abbreviation	Family/Order	Subfam/Genus	Host Species*
Adenovirus	MAV, RAD	Adenoviridae	Mastadenovirus	M, R
Aleutian disease virus	ADV	Parvoviridae	Amdovirus	F
Cilia-associated respiratory bacillus	CARB	Unclassified	Unclassified	M, R, Rb
Clostridium piliforme	CPIL	Clostridaceae	Clostridium	M, R, Rb, F
Distemper virus	CDV	Paramyxoviridae	Morbillivirus	F
Ectromelia virus (Mousepox)	ECTRO	Poxviridae	Orthopoxvirus	M
Eimeria	EIM	Eimeriidae	Eimeria	Rb
Encephalitozoon cuniculi	ECUN	Pleistophoridae	Encephalitozoon	M, R, GP, H, Rb
Encephalomyocarditis virus	EMCV	Picornaviridae	Cardiovirus	M, R
Guinea pig adenovirus	GAV	Adenoviridae	Mastadenovirus	GP
Guinea pig cytomegalovirus	GpCMV	Herpesviridae	Betaherpesvirus	GP
Hantaan	HTNV (HANT)	Bunyviridae	Hantavirus	M, R
Infectious pancreatic necrosis virus	IPNV	Birnaviridae	Aquabirnavirus	Z
Infectious spleen and kidney necrosis virus	ISKNV	Iridoviridae	Megalocytivirus	Z
Influenza A virus	INFA	Orthomyxoviridae	Influenzavirus A	F
Kilham rat virus	KRV	Parvoviridae	Parvovirus	R
Lactate dehydrogenase-elevating virus	LDV/LDH	Arteriviridae	Arterivirus	M
Ljungan virus	LV	Picornaviridae	Parechovirus	R
Lymphocytic choriomeningitis virus	LCMV	Arenaviridae	Arenavirus	M, R, GP, H
Minute virus of mice	MVM	Parvoviridae	Parvovirus	M
Mouse cytomegalovirus	MCMV	Herpesviridae	Betaherpesvirus	M
Mouse hepatitis virus	MHV	Coronaviridae	Coronavirus	M
Mouse parvovirus	MPV-1/-2/-5	Parvoviridae	Parvovirus	M
Mouse pneumonitis virus	K	Polyomaviridae	Polyomavirus	M
Mouse thymic virus	MTLV	Herpesviridae	Unclassified	M
Murine norovirus	MNV	Caliciviridae	Norovirus	M
Murine rotavirus	EDIM/ROTA-A	Reoviridae	Rotavirus	M
Mycoplasma arthritis	MARTH	Mycoplasmataceae	Mycoplasma	M, R
Mycoplasma pulmonis	MPUL	Mycoplasmataceae	Mycoplasma	M, R
Myxomatosis virus	MYXO	Poxviridae	Leporipoxvirus	Rb
Parainfluenza virus (type 1)	PIV-1	Paramyxoviridae	Respirovirus	Rb
Parainfluenza virus (type 2)	PIV-2	Paramyxoviridae	Rubulavirus	Rb
Parainfluenza virus (type 3)	PIV-3	Paramyxoviridae	Respirovirus	GP
Parainfluenza virus (type 5)	PIV-5	Paramyxoviridae	Rubulavirus	GP, H
Parvovirus NS-1	NS-1	Parvoviridae	Parvovirus	M, R
Pneumocystis carinii	PCAR	Pneumocystidaceae	Pneumocystis	R
Pneumonia virus of mice	PVM	Paramyxoviridae	Pneumovirus	M, R, GP, H
Polyoma virus	POLY	Polyomaviridae	Polyomavirus	M
Prospect Hill virus	PHV	Bunyviridae	Hantavirus	M
Rabbit adenovirus	RbAV	Adenoviridae	Mastadenovirus	Rb
Rabbit hemorrhagic disease virus	RHDV	Caliciviridae	Lagovirus	Rb
Rabbit rotavirus	ROTA	Reoviridae	Rotavirus	Rb
Rat coronavirus/sialodacryoadentitis virus	RCV, SDAV	Coronaviridae	Coronavirus	R
Rat cytomegalovirus	RCMV	Herpesviridae	Betaherpesvirus	R
Rat minute virus	RMV	Parvoviridae	Parvovirus	R
Rat parvovirus	RPV	Parvoviridae	Parvovirus	R
Rat polyomavirus	RatPV2/RPyV2	Polyomaviridae	Unclassified	R
Rat rotavirus (infectious diarrhea of infant rats)	IDIR/ROTA-B	Reoviridae	Rotavirus	R
Rat theilovirus (Theiler's-like virus of rats)	RTV	Picornaviridae	Theilovirus	R
Reovirus	REO	Reoviridae	Orthoreovirus	M, R, GP, H
Rabbit picobirnavirus	RPBV	Picobirnaviridae	Picobirnavirus	Rb
Sendai virus	SEND	Paramyxoviridae	Respirovirus	M, R, GP, H
Seoul virus	SEO	Bunyviridae	Hantavirus	M, R
Theiler's murine encephalomyelitis virus	TMEV (GDVII)	Picornaviridae	Cardiovirus	M, R
Toolan's H-1 virus	H-1	Parvoviridae	Parvovirus	R
Toxoplasma gondii	TOXO	Sarcocystidae	Toxoplasma	Rb
Treponema paraluis-cuniculi	TREP	Spirochaetales	Treponema	Rb

* Species: M = mouse, R = rat, GP = guinea pig, H = hamster, Rb = rabbit, F = ferret, Z = zebrafish

Agent	Abbreviation	Family/Order	Subfam/Genus	Host Species
Epstein-Barr virus	EBV	Herpesviridae	Lymphocryptovirus	Simian
Hepatitis A	HEP-A	Picornaviridae	Hepatovirus	Simian
Herpes B virus	HBV	Herpesviridae	Alphaherpesvirus	Simian
Herpes virus papio-2	HVP-2	Herpesviridae	Alphaherpesvirus	Simian
Lymphocryptovirus	LCV	Herpesviridae	Lymphocryptovirus	Simian
Macaque (Rhesus) rhadinovirus	MRV	Herpesviridae	Rhadinovirus	Simian
Malaria (Plasmodium)	MAL	Plasmodiidae	Plasmodium	Simian
Measles virus	MV	Paramyxoviridae	Morbillivirus	Simian
Parainfluenza virus (type 5)	PIV-5 (SV-5)	Paramyxoviridae	Rubulavirus	Simian
Simian agent 8	SA-8	Herpesviridae	Simplexvirus	Simian
Simian cytomegalovirus	SCMV/CMV	Herpesviridae	Cytomegalovirus	Simian
Simian foamy virus	SFV	Retroviridae	Spumavirus	Simian
Simian immunodeficiency virus	SIV	Retroviridae	Lentivirus	Simian
Simian rotavirus	SA-11	Reoviridae	Rotavirus	Simian
Simian T-lymphotropic virus	STLV	Retroviridae	Deltaretrovirus	Simian
Simian type D retrovirus	SRV	Retroviridae	Betaretrovirus	Simian
Simian varicella virus	SVV	Herpesviridae	Varicellovirus	Simian
Simian virus 40	SV-40	Polyomaviridae	Polyomavirus	Simian
Trypanosoma cruzi (Chagas Disease)	T. cruzi/CHA	Trypanosomatidae	Trypanosoma	Simian

1.877.criver1

www.criver.com

askcharlesriver@crl.com