Test Results

Order #: 2019038750

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

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

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

Billing Information

Payment Method
Purchase Order PO#: 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*
28-Aug-2019	06-Sep-2019	10-Sep-2019

Notes

Lab. No. 1909M101-1909M154, Location: Minimal Disease Experimental Holding Area – LAU Building (MDA-LAU Bldg)

Diagnostic Summary

Test	*Colony*	Tested	+	+/-	?	PDG
MFIA CARB UHK MFIA Mouse Full Profile	n/d	54	0	0	2	0
MFIA CPIL UHK MFIA Mouse Full Profile	n/d	54	0	0	2	0
MFIA ECTRO UHK MFIA Mouse Full Profile	n/d	54	0	0	2	0
MFIA ECUN UHK MFIA Mouse Full Profile	n/d	54	0	0	2	0
MFIA EDIM (ROTA-A) UHK MFIA Mouse Full Profile	n/d	54	0	0	2	0
MFIA GDVII UHK MFIA Mouse Full Profile	n/d	54	0	0	2	0
MFIA HTNV (HANT) UHK MFIA Mouse Full Profile	n/d	54	0	0	2	0
MFIA K UHK MFIA Mouse Full Profile	n/d	54	0	0	2	0
MFIA LCMV UHK MFIA Mouse Full Profile	n/d	54	0	0	2	0
MFIA LDV UHK MFIA Mouse Full Profile	n/d	54	0	0	2	0
MFIA MAV 1 & 2 UHK MFIA Mouse Full Profile	n/d	54	0	0	2	0
MFIA MCMV UHK MFIA Mouse Full Profile	n/d	54	0	0	2	0
MFIA MHV UHK MFIA Mouse Full Profile	n/d	54	0	0	2	0
MFIA MNV UHK MFIA Mouse Full Profile	n/d	54	42	0	3	0

Test Results

Order #: 2019038750

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Wilmington MA 01887 USA

Notes

Lab. No. 1909M101-1909M154, Location: Minimal Disease Experimental Holding Area – LAU Building (MDA-LAU Bldg)

Diagnostic Summary

Test	*Colony*	**Tested**	**+**	**+/-**	**?**	**PDG**
MFIA MPUL UHK MFIA Mouse Full Profile	n/d	54	0	0	2	0
MFIA MPV-1 UHK MFIA Mouse Full Profile	n/d	54	0	0	2	0
MFIA MPV-2 UHK MFIA Mouse Full Profile	n/d	54	0	0	2	0
MFIA MPV-5 UHK MFIA Mouse Full Profile	n/d	54	0	0	2	0
MFIA MTLV UHK MFIA Mouse Full Profile	n/d	54	0	0	2	0
MFIA MVM UHK MFIA Mouse Full Profile	n/d	54	0	0	2	0
MFIA NS-1 UHK MFIA Mouse Full Profile	n/d	54	0	0	2	0
MFIA PHV UHK MFIA Mouse Full Profile	n/d	54	0	0	2	0
MFIA POLY UHK MFIA Mouse Full Profile	n/d	54	0	0	2	0
MFIA PVM UHK MFIA Mouse Full Profile	n/d	54	0	0	2	0
MFIA REO UHK MFIA Mouse Full Profile	n/d	54	0	0	2	0
MFIA SEND UHK MFIA Mouse Full Profile	n/d	54	0	0	2	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 #: 2019038750

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The University of Hong Kong
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(CR RADS)
261 Ballardvale Street
Receiving Dock, Bldg 22
Wilmington MA 01887 USA

Notes

Lab. No. 1909M101-1909M154, Location: Minimal Disease Experimental Holding Area – LAU Building (MDA-LAU Bldg)

Serology

Results approved by Kudalis, Diane on 10 Sep 2019

	1 1909M101, Rm.102	2 1909M102, Rm.102	3 1909M103, Rm.102	4 1909M104, Rm.103	5 1909M105, Rm.103	6 1909M106, Rm.103	7 1909M107, Rm.104	8 1909M108, Rm.104	9 1909M109, Rm.104	10 1909M110, Rm.105
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

	11 1909M111, Rm.105	12 1909M112, Rm.105	13 1909M113, Rm.106	14 1909M114, Rm.106	15 1909M115, Rm.106	16 1909M116, Rm.107	17 1909M117, Rm.107	18 1909M118, Rm.107	19 1909M119, Rm.108	20 1909M120, Rm.108
MFIA SEND	-	-	-	-	-	-	-	-	-	-
MFIA PVM	-	-	-	-	-	-	-	-	-	-
MFIA MHV	-	-	-	-	-	-	-	-	-	-
MFIA MVM	-	-	-	-	-	-	-	-	-	-
MFIA MPV-1	-	-	-	-	-	-	-	-	-	-
MFIA MPV-2	-	-	-	-	-	-	-	-	-	-
MFIA MPV-5	-	-	-	-	-	-	-	-	-	-
MFIA NS-1	-	-	-	-	-	-	-	-	-	-

Test Results

Order #: 2019038750

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

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

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

Notes

Lab. No. 1909M101-1909M154, Location: Minimal Disease Experimental Holding Area – LAU Building (MDA-LAU Bldg)

Serology

Results approved by Kudalis, Diane on 10 Sep 2019

	11 1909M111, Rm.105	12 1909M112, Rm.105	13 1909M113, Rm.106	14 1909M114, Rm.106	15 1909M115, Rm.106	16 1909M116, Rm.107	17 1909M117, Rm.107	18 1909M118, Rm.107	19 1909M119, Rm.108	20 1909M120, Rm.108
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

	21 1909M121, Rm.108	22 1909M122, Rm.109	23 1909M123, Rm.109	24 1909M124, Rm.109	25 1909M125, Rm.110	26 1909M126, Rm.110	27 1909M127, Rm.110	28 1909M128, Rm.111	29 1909M129, Rm.111	30 1909M130, Rm.111
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	-	-	-	-	-	-	-	-	-	-

Test Results

Order #: 2019038750

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

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Pokfulam, HK 0 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

Notes

Lab. No. 1909M101-1909M154, Location: Minimal Disease Experimental Holding Area – LAU Building (MDA-LAU Bldg)

Serology

Results approved by Kudalis, Diane on 10 Sep 2019

	21 1909M121, Rm.108	22 1909M122, Rm.109	23 1909M123, Rm.109	24 1909M124, Rm.109	25 1909M125, Rm.110	26 1909M126, Rm.110	27 1909M127, Rm.110	28 1909M128, Rm.111	29 1909M129, Rm.111	30 1909M130, Rm.111
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

	31 1909M131, Rm.112	32 1909M132, Rm.112	33 1909M133, Rm.112	34 1909M134, Rm.118	35 1909M135, Rm.118	36 1909M136, Rm.118	37 1909M137, Rm.118	38 1909M138, Rm.118	39 1909M139, Rm.118	40 1909M140, Rm.118
MFIA SEND	-	-	-	-	-	-	TC	TC	-	-
MFIA PVM	-	-	-	-	-	-	TC	TC	-	-
MFIA MHV	-	-	-	-	-	-	TC	TC	-	-
MFIA MVM	-	-	-	-	-	-	TC	TC	-	-
MFIA MPV-1	-	-	-	-	-	-	TC	TC	-	-
MFIA MPV-2	-	-	-	-	-	-	TC	TC	-	-
MFIA MPV-5	-	-	-	-	-	-	TC	TC	-	-
MFIA NS-1	-	-	-	-	-	-	TC	TC	-	-
MFIA MNV	+	+	+	-	-	-	TC	TC	-	-
MFIA GDVII	-	-	-	-	-	-	TC	TC	-	-
MFIA REO	-	-	-	-	-	-	TC	TC	-	-
MFIA EDIM (ROTA-A)	-	-	-	-	-	-	TC	TC	-	-
MFIA LCMV	-	-	-	-	-	-	TC	TC	-	-
MFIA ECTRO	-	-	-	-	-	-	TC	TC	-	-
MFIA MAV 1 & 2	-	-	-	-	-	-	TC	TC	-	-
MFIA MCMV	-	-	-	-	-	-	TC	TC	-	-
MFIA K	-	-	-	-	-	-	TC	TC	-	-
MFIA MTLV	-	-	-	-	-	-	TC	TC	-	-
MFIA POLY	-	-	-	-	-	-	TC	TC	-	-
MFIA HTNV (HANT)	-	-	-	-	-	-	TC	TC	-	-
MFIA MPUL	-	-	-	-	-	-	TC	TC	-	-
MFIA CARB	-	-	-	-	-	-	TC	TC	-	-
MFIA LDV	-	-	-	-	-	-	TC	TC	-	-
MFIA CPIL	-	-	-	-	-	-	TC	TC	-	-
MFIA ECUN	-	-	-	-	-	-	TC	TC	-	-
MFIA PHV	-	-	-	-	-	-	TC	TC	-	-

Rechecked TC results refer "Order #: 2019045008"

charles river

Test Results

Order #: 2019045008

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

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

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

Billing Information

Payment Method
None specified

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*
19-Sep-2019	26-Sep-2019	27-Sep-2019

Notes

Lab. No. 1909T403-1909T404, Location: MDA-LAU Bldg
PO# Covering Invoice for #2019045008

Diagnostic Summary

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

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

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

Test Results

Order #: 2019045008

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

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

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

Notes

Lab. No. 1909T403-1909T404, Location: MDA-LAU Bldg
PO# Covering Invoice for #2019045008

Serology

Results approved by Kudalis, Diane on 27 Sep 2019

	1 1909T403, Rm.118	2 1909T404, Rm.118
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**

Serology Profile: UHK MFIA Mouse Full Profile

Test Results

Order #: 2019045008

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. 1909T403-1909T404, Location: MDA-LAU Bldg
PO# Covering Invoice for #2019045008

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 #: 2019045008

LTM Customer ID: 38307
The University of Hong Kong
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261 Ballardvale Street
Receiving Dock, Bldg 22
Wilmington MA 01887 USA

Notes

Lab. No. 1909T403-1909T404, Location: MDA-LAU Bldg
PO# Covering Invoice for #2019045008

Sample Information

Number	*Code*	*Species*	*Colony*	*Strain*	*Age*	*Sex*
1	1909T403, Rm.118	Mouse	n/d	Sentinel/ BALB/cAnN -nu (Nude/+)	Adult	Female
2	1909T404, Rm.118	Mouse	n/d	Sentinel/ BALB/cAnN -nu (Nude/+)	Adult	Female

Test Results

Order #: 2019038750

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

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Receiving Dock, Bldg 22
Wilmington MA 01887 USA

Notes

Lab. No. 1909M101-1909M154, Location: Minimal Disease Experimental Holding Area – LAU Building (MDA-LAU Bldg)

Serology

Results approved by Kudalis, Diane on 10 Sep 2019

	31 1909M131, Rm.112	32 1909M132, Rm.112	33 1909M133, Rm.112	34 1909M134, Rm.118	35 1909M135, Rm.118	36 1909M136, Rm.118	37 1909M137, Rm.118	38 1909M138, Rm.118	39 1909M139, Rm.118	40 1909M140, Rm.118
MFIA Anti-Ig	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**	**P**

	41 1909M141, Rm.118	42 1909M142, Rm.118	43 1909M143, Rm.124	44 1909M144, Rm.124	45 1909M145, Rm.124	46 1909M146, Rm.125	47 1909M147, Rm.125	48 1909M148, Rm.125	49 1909M149, Rm.127	50 1909M150, Rm.127
MFIA SEND	-	-	-	-	-	-	-	-	-	-
MFIA PVM	-	-	-	-	-	-	-	-	-	-
MFIA MHV	-	-	-	-	-	-	-	-	-	-
MFIA MVM	-	-	-	-	-	-	-	-	-	-
MFIA MPV-1	-	-	-	-	-	-	-	-	-	-
MFIA MPV-2	-	-	-	-	-	-	-	-	-	-
MFIA MPV-5	-	-	-	-	-	-	-	-	-	-
MFIA NS-1	-	-	-	-	-	-	-	-	-	-
MFIA MNV	-	TC	+	+	+	+	+	+	+	+
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**
IFA MNV-1		-								

	51 1909M151, Rm.127	52 1909M152, Rm.128	53 1909M153, Rm.128	54 1909M154, Rm.128
MFIA SEND	-	-	-	-
MFIA PVM	-	-	-	-
MFIA MHV	-	-	-	-
MFIA MVM	-	-	-	-

Test Results

Order #: 2019038750

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

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

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

Notes

Lab. No. 1909M101-1909M154, Location: Minimal Disease Experimental Holding Area – LAU Building (MDA-LAU Bldg)

Serology

Results approved by Kudalis, Diane on 10 Sep 2019

	51 1909M151, Rm.127	52 1909M152, Rm.128	53 1909M153, Rm.128	54 1909M154, Rm.128
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

Serology Profile: UHK MFIA Mouse Full Profile

Test Results

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Notes

Lab. No. 1909M101-1909M154, Location: Minimal Disease Experimental Holding Area – LAU Building (MDA-LAU Bldg)

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).

IMPORTANT NOTE:
Samples #37,38 gave strong non-specific (i.e., TC) reactions in most (or all) MFIA's. When samples react non-specifically in multiple MFIA's, it has been our experience that they often give non-specific reactions in alternative assays (IFA). Therefore, to give you more accurate and meaningful results, we would prefer that you submit a new sample (or new samples) for testing. When resubmitting samples for retesting, please include the order number from the sample being retested.

Test Results

Order #: 2019038750

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U Hong Kong, Lab Animal Unit RADS/GTS

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Receiving Dock, Bldg 22
Wilmington MA 01887 USA

Notes

Lab. No. 1909M101-1909M154, Location: Minimal Disease Experimental Holding Area – LAU Building (MDA-LAU Bldg)

Sample Information

Number	*Code*	*Species*	*Colony*	*Strain*	*Age*	*Sex*
1	1909M101, Rm.102	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female
2	1909M102, Rm.102	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female
3	1909M103, Rm.102	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female
4	1909M104, Rm.103	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female
5	1909M105, Rm.103	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female
6	1909M106, Rm.103	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female
7	1909M107, Rm.104	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female
8	1909M108, Rm.104	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female
9	1909M109, Rm.104	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female
10	1909M110, Rm.105	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female
11	1909M111, Rm.105	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female
12	1909M112, Rm.105	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female
13	1909M113, Rm.106	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female
14	1909M114, Rm.106	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female
15	1909M115, Rm.106	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female
16	1909M116, Rm.107	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female
17	1909M117, Rm.107	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female
18	1909M118, Rm.107	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female
19	1909M119, Rm.108	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female
20	1909M120, Rm.108	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female

Test Results

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Wilmington MA 01887 USA

Notes

Lab. No. 1909M101-1909M154, Location: Minimal Disease Experimental Holding Area – LAU Building (MDA-LAU Bldg)

Sample Information

Number	*Code*	*Species*	*Colony*	*Strain*	*Age*	*Sex*
21	1909M121, Rm.108	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female
22	1909M122, Rm.109	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female
23	1909M123, Rm.109	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female
24	1909M124, Rm.109	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female
25	1909M125, Rm.110	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female
26	1909M126, Rm.110	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female
27	1909M127, Rm.110	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female
28	1909M128, Rm.111	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female
29	1909M129, Rm.111	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female
30	1909M130, Rm.111	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female
31	1909M131, Rm.112	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female
32	1909M132, Rm.112	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female
33	1909M133, Rm.112	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female
34	1909M134, Rm.118	Mouse	n/d	Sentinel/ BALB/cAnN -nu (Nude/+)	Adult	Female
35	1909M135, Rm.118	Mouse	n/d	Sentinel/ BALB/cAnN -nu (Nude/+)	Adult	Female
36	1909M136, Rm.118	Mouse	n/d	Sentinel/ BALB/cAnN -nu (Nude/+)	Adult	Female
37	1909M137, Rm.118	Mouse	n/d	Sentinel/ BALB/cAnN -nu (Nude/+)	Adult	Female
38	1909M138, Rm.118	Mouse	n/d	Sentinel/ BALB/cAnN -nu (Nude/+)	Adult	Female

Test Results

Order #: 2019038750

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U Hong Kong, Lab Animal Unit RADS/GTS

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Wilmington MA 01887 USA

Notes

Lab. No. 1909M101-1909M154, Location: Minimal Disease Experimental Holding Area – LAU Building (MDA-LAU Bldg)

Sample Information

Number	*Code*	*Species*	*Colony*	*Strain*	*Age*	*Sex*
39	1909M139, Rm.118	Mouse	n/d	Sentinel/ BALB/cAnN -nu (Nude/+)	Adult	Female
40	1909M140, Rm.118	Mouse	n/d	Sentinel/ BALB/cAnN -nu (Nude/+)	Adult	Female
41	1909M141, Rm.118	Mouse	n/d	Sentinel/ BALB/cAnN -nu (Nude/+)	Adult	Female
42	1909M142, Rm.118	Mouse	n/d	Sentinel/ BALB/cAnN -nu (Nude/+)	Adult	Female
43	1909M143, Rm.124	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female
44	1909M144, Rm.124	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female
45	1909M145, Rm.124	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female
46	1909M146, Rm.125	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female
47	1909M147, Rm.125	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female
48	1909M148, Rm.125	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female
49	1909M149, Rm.127	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female
50	1909M150, Rm.127	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female
51	1909M151, Rm.127	Mouse	n/d	Sentinel/ ICR (CD-1)	Adult	Female
52	1909M152, Rm.128	Mouse	n/d	Sentinel/ BALB/cAnN -nu (Nude/+)	Adult	Female
53	1909M153, Rm.128	Mouse	n/d	Sentinel/ BALB/cAnN -nu (Nude/+)	Adult	Female
54	1909M154, Rm.128	Mouse	n/d	Sentinel/ BALB/cAnN -nu (Nude/+)	Adult	Female

Test Results

Order #: 2019038762

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The University of Hong Kong
U Hong Kong, Lab Animal Unit RADS/GTS

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

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

Billing Information

Payment Method
Purchase Order PO#: 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. 1909R101-1909R103, Location: Minimal Disease Experimental Holding Area – LAU Building (MDA-LAU Bldg)

Diagnostic Summary

Test	*Colony*	**Tested**	**+**	**+/-**	**?**	**PDG**
MFIA PCAR ("RRV") UHK MFIA Rat Full Profile	n/d	3	**3**	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 #: 2019038762

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Wilmington MA 01887 USA

Notes

Lab. No. 1909R101-1909R103, Location: Minimal Disease Experimental Holding Area – LAU Building (MDA-LAU Bldg)

Serology

Results approved by Castillo, Luz on 09 Sep 2019

	1 1909R101, Rm.101	2 1909R102, Rm.101	3 1909R103, Rm.101
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

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).

Test Results

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Notes

Lab. No. 1909R101-1909R103, Location: Minimal Disease Experimental Holding Area – LAU Building (MDA-LAU Bldg)

Sample Information

Number	*Code*	*Species*	*Colony*	*Strain*	*Age*	*Sex*
1	1909R101, Rm.101	Rat	n/d	Sentinel/ CD(SD)IGS (Sprague Dawley)	Adult	Female
2	1909R102, Rm.101	Rat	n/d	Sentinel/ CD(SD)IGS (Sprague Dawley)	Adult	Female
3	1909R103, Rm.101	Rat	n/d	Sentinel/ CD(SD)IGS (Sprague Dawley)	Adult	Female

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	Pleistrophoridiae	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)	Bunyaviridae	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 arthritidis	MARTH	Mycoplasmataceae	Mycoplasma	M, R
Mycoplasma pulmonis	MPUL	Mycoplasmataceae	Mycoplasma	M, R
Myxomatosis virus	MYXO	Poxviridae	Leporipoxirus	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	Bunyaviridae	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	RatPyV2/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	Bunyaviridae	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