

Test Results

Order #: **2020000553**

LTM Customer ID: 42510
Okayama University
Advanced Science Research Center, OU

Charles River Japan
(CR RADS Japan)
955 Kamibayashi, Ishioka-shi
Ibaraki 315-0138 Japan

Shikata Campus
2-5-1, Shikatacho, Kita-ku
Okayama-shi Okayama 700-8558 Japan

Billing Information

Payment Method
Purchase Order PO#: RADS SS 20 0168

Oriental Yeast Co., Ltd.
4-4-1, Minamisuita
Suita-shi Osaka 564-0043 Japan

Details

Sample(s) from: Multiple locations

Collection Date	Arrival Date	Approval Date
27-Feb-2020	28-Feb-2020	07-Mar-2020

Notes

Shikata facility, Mouse, Serology testing for routine HM

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 #: **2020000553**

LTM Customer ID: 42510
 Okayama University
 Advanced Science Research Center, OU

Charles River Japan
 (CR RADS Japan)
 955 Kamibayashi, Ishioka-shi
 Ibaraki 315-0138 Japan

Shikata Campus
 2-5-1, Shikatacho, Kita-ku
 Okayama-shi Okayama 700-8558 Japan

Notes

Shikata facility, Mouse, Serology testing for routine HM

Serology

Results approved by Kato, Katsuhiko on 07 Mar 2020

	<u>1</u> 1	<u>2</u> 2	<u>3</u> 3	<u>4</u> 4	<u>5</u> 5	<u>6</u> 6	<u>7</u> 7	<u>8</u> 8	<u>9</u> 9	<u>10</u> 10
<i>ELISA SEND</i>	-	-	-	-	-	-	-	-	-	-
<i>ELISA MHV</i>	-	-	-	-	-	-	-	-	-	-
<i>ELISA MPUL</i>	-	-	-	-	-	-	-	-	-	-
<i>ELISA CPIL</i>	-	-	IN	-	-	-	-	-	-	-
<i>ELISA LCMV</i>	-	-	-	-	-	-	-	-	-	-
<i>ELISA ECTRO</i>	-	-	-	-	-	-	-	-	-	-
<i>MAG C. kutscheri</i>	-	-	-	-	-	-	-	-	-	-
<i>MAG S.Typhimurium</i>	-	-	-	-	-	-	-	-	-	-
<i>IFA CPIL</i>			-							

	<u>11</u> 11	<u>12</u> 12	<u>13</u> 13	<u>14</u> 14	<u>15</u> 15	<u>16</u> 16	<u>17</u> 17	<u>18</u> 18	<u>19</u> 19	<u>20</u> 20
<i>ELISA SEND</i>	-	-	-	-	-	-	-	-	-	-
<i>ELISA MHV</i>	-	-	-	-	-	-	-	-	-	-
<i>ELISA MPUL</i>	-	-	-	-	-	-	-	-	-	-
<i>ELISA CPIL</i>	-	-	-	-	-	-	-	-	-	-
<i>ELISA LCMV</i>	-	-	-	-	-	-	-	-	-	-
<i>ELISA ECTRO</i>	-	-	-	-	-	-	-	-	-	-
<i>MAG C. kutscheri</i>	-	-	-	-	-	-	-	-	-	-
<i>MAG S.Typhimurium</i>	-	-	-	-	-	-	-	-	-	-

	<u>21</u> 21	<u>22</u> 22	<u>23</u> 23	<u>24</u> 24
<i>ELISA SEND</i>	-	-	-	-
<i>ELISA MHV</i>	-	-	-	-
<i>ELISA MPUL</i>	-	-	-	-
<i>ELISA CPIL</i>	-	-	-	-
<i>ELISA LCMV</i>	-	-	-	-
<i>ELISA ECTRO</i>	-	-	-	-
<i>MAG C. kutscheri</i>	-	-	-	-
<i>MAG S.Typhimurium</i>	-	-	-	-

Remarks

MFIA/ELISA/IFA Results: - = Negative; +/- = Equivocal; + = Moderate to strong positive; TC = Non-specific reaction with tissue control. All Assays: IN = positive result interpreted as non-specific because not confirmed by other serologic assays or by testing of additional samples from the same source; PDG = pending; QNS = Quantity not sufficient.

Test Results

Order #: 2020000553

LTM Customer ID: 42510
Okayama University
Advanced Science Research Center, OU

Charles River Japan
(CR RADS Japan)
955 Kamibayashi, Ishioka-shi
Ibaraki 315-0138 Japan

Shikata Campus
2-5-1, Shikatacho, Kita-ku
Okayama-shi Okayama 700-8558 Japan

Notes

Shikata facility, Mouse, Serology testing for routine HM

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex	Location	Dilution
Room 3, Sample Type: Serum								
1	1	Mouse	Shikata facility Room 3 (5105) Sentinel	ICR	13 weeks	Female	back	1
2	2	Mouse	Shikata facility Room 3 (5105) Sentinel	ICR	13 weeks	Female	front	1
Room 2, Sample Type: Serum								
3	3	Mouse	Shikata facility Room 2 (5106) Sentinel	ICR	13 weeks	Female	back	1
4	4	Mouse	Shikata facility Room 2 (5106) Sentinel	ICR	13 weeks	Female	front	1
Room 1, Sample Type: Serum								
5	5	Mouse	Shikata facility Room 1 (5107) Sentinel	ICR	13 weeks	Female	back	1
6	6	Mouse	Shikata facility Room 1 (5107) Sentinel	ICR	13 weeks	Female	front	1
Room 4, Sample Type: Serum								
7	7	Mouse	Shikata facility Room 4 (5115) Sentinel	ICR	13 weeks	Female	back	1
8	8	Mouse	Shikata facility Room 4 (5115) Sentinel	ICR	13 weeks	Female	front	1
Room 7, Sample Type: Serum								
9	9	Mouse	Shikata facility Room 7 (4104) Sentinel	ICR	13 weeks	Female	back	1
10	10	Mouse	Shikata facility Room 7 (4104) Sentinel	ICR	13 weeks	Female	front	1
Room 6, Sample Type: Serum								
11	11	Mouse	Shikata facility Room 6 (4105) Sentinel	ICR	13 weeks	Female	back	1
12	12	Mouse	Shikata facility Room 6 (4105) Sentinel	ICR	13 weeks	Female	front	1
Room 5, Sample Type: Serum								
13	13	Mouse	Shikata facility Room 5 (4106) Sentinel	ICR	13 weeks	Female	back	1
14	14	Mouse	Shikata facility Room 5 (4106) Sentinel	ICR	13 weeks	Female	front	1
Room 11, Sample Type: Serum								
15	15	Mouse	Shikata facility Room 11 (4116) Sentinel	ICR	13 weeks	Female	back	1
16	16	Mouse	Shikata facility Room 11 (4116) Sentinel	ICR	13 weeks	Female	front	1
Room 10, Sample Type: Serum								

Test Results

Order #: 2020000553

LTM Customer ID: 42510
Okayama University
Advanced Science Research Center, OU

Charles River Japan
(CR RADS Japan)
955 Kamibayashi, Ishioka-shi
Ibaraki 315-0138 Japan

Shikata Campus
2-5-1, Shikatacho, Kita-ku
Okayama-shi Okayama 700-8558 Japan

Notes

Shikata facility, Mouse, Serology testing for routine HM

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex	Location	Dilution
Room 10, Sample Type: Serum (continued)								
17	17	Mouse	Shikata facility Room 10 (4117) Sentinel	ICR	13 weeks	Female	back	1
18	18	Mouse	Shikata facility Room 10 (4117) Sentinel	ICR	13 weeks	Female	front	1
Room 9, Sample Type: Serum								
19	19	Mouse	Shikata facility Room 9 (4118) Sentinel	ICR	13 weeks	Female	back	1
20	20	Mouse	Shikata facility Room 9 (4118) Sentinel	ICR	13 weeks	Female	front	1
Room 8, Sample Type: Serum								
21	21	Mouse	Shikata facility Room 8 (4119) Sentinel	ICR	13 weeks	Female	back	1
22	22	Mouse	Shikata facility Room 8 (4119) Sentinel	ICR	13 weeks	Female	front	1
3109, Sample Type: Serum								
23	23	Mouse	Shikata facility 3109 Sentinel	ICR	13 weeks	Female	-	1
3121, Sample Type: Serum								
24	24	Mouse	Shikata facility 3121 Sentinel	ICR	13 weeks	Female	-	1

Test Results

Order #: **2020000556**

LTM Customer ID: 42510
Okayama University
Advanced Science Research Center, OU

Charles River Japan
(CR RADS Japan)
955 Kamibayashi, Ishioka-shi
Ibaraki 315-0138 Japan

Shikata Campus
2-5-1, Shikatacho, Kita-ku
Okayama-shi Okayama 700-8558 Japan

Billing Information

Payment Method
Purchase Order PO#: RADS SS 20 0168

Oriental Yeast Co., Ltd.
4-4-1, Minamisuita
Suita-shi Osaka 564-0043 Japan

Details

Sample(s) from: Multiple locations

Collection Date	Arrival Date	Approval Date
27-Feb-2020	28-Feb-2020	07-Mar-2020

Notes

Shikata facility, Mouse, PCR testing for routine HM

Diagnostic Summary

Test	Colony	Tested	+	+/-	?	PDG
Helicobacter hepaticus PCR	Shikata facility Room 1 (5107)	2	1	0	0	0
Helicobacter hepaticus PCR	Sentinel Mice					
Helicobacter hepaticus PCR	Shikata facility Room 5 (4106)	2	2	0	0	0
Helicobacter hepaticus PCR	Sentinel Mice					

+ = 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 #: 2020000556

LTM Customer ID: 42510
Okayama University
Advanced Science Research Center, OU

Charles River Japan
(CR RADS Japan)
955 Kamibayashi, Ishioka-shi
Ibaraki 315-0138 Japan

Shikata Campus
2-5-1, Shikatacho, Kita-ku
Okayama-shi Okayama 700-8558 Japan

Notes

Shikata facility, Mouse, PCR testing for routine HM

Molecular Diagnostics: Infectious Disease PCR

Results approved by Kato, Katsuhiko on 07 Mar 2020

	<u>1</u> 1	<u>2</u> 2	<u>3</u> 3	<u>4</u> 4	<u>5</u> 5	<u>6</u> 6	<u>7</u> 7	<u>8</u> 8	<u>9</u> 9	<u>10</u> 10
<i>Helicobacter hepaticus</i> PCR	-	-	-	-	-	+	-	-	-	-
<i>Syphacia obvelata</i> PCR	-	-	-	-	-	-	-	-	-	-
<i>Aspicularis tetraptera</i> PCR	-	-	-	-	-	-	-	-	-	-

	<u>11</u> 11	<u>12</u> 12	<u>13</u> 13	<u>14</u> 14	<u>15</u> 15	<u>16</u> 16	<u>17</u> 17	<u>18</u> 18	<u>19</u> 19	<u>20</u> 20
<i>Helicobacter hepaticus</i> PCR	-	-	+	+	-	-	-	-	-	-
<i>Syphacia obvelata</i> PCR	-	-	-	-	-	-	-	-	-	-
<i>Aspicularis tetraptera</i> PCR	-	-	-	-	-	-	-	-	-	-

	<u>21</u> 21	<u>22</u> 22	<u>23</u> 23	<u>24</u> 24
<i>Helicobacter hepaticus</i> PCR	-	-	-	-
<i>Syphacia obvelata</i> PCR	-	-	-	-
<i>Aspicularis tetraptera</i> PCR	-	-	-	-

Infectious Disease PCR Profiles: Helicobacter hepaticus PCR; Pinworm Screen PCR

Remarks

- = Negative; I = Inhibition, +/- = Equivocal; + = Positive

Sample Suitability/Detection of PCR Inhibition: Sample DNA or RNA is spiked with a low-copy number of a exogenous DNA or RNA template respectively. A spike template-specific PCR assay is used to test for the spike template for the purpose of determining the presence of PCR inhibitors. The RNA spike control is also used to evaluate the reverse-transcription of RNA. Amplification of spike template indicates that there is no detectable inhibition and the assay is valid.

Test Results

Order #: 2020000556

LTM Customer ID: 42510
Okayama University
Advanced Science Research Center, OU

Charles River Japan
(CR RADS Japan)
955 Kamibayashi, Ishioka-shi
Ibaraki 315-0138 Japan

Shikata Campus
2-5-1, Shikatacho, Kita-ku
Okayama-shi Okayama 700-8558 Japan

Notes

Shikata facility, Mouse, PCR testing for routine HM

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex	Location	Addition Info
Room 3, Sample Type: Fecal pellet								
1	1	Mouse	Shikata facility Room 3 (5105) Sentinel	ICR	13 weeks	Female	back	Pooled up to 2:1
2	2	Mouse	Shikata facility Room 3 (5105) Sentinel	ICR	13 weeks	Female	front	Pooled up to 2:1
Room 2, Sample Type: Fecal pellet								
3	3	Mouse	Shikata facility Room 2 (5106) Sentinel	ICR	13 weeks	Female	back	Pooled up to 2:1
4	4	Mouse	Shikata facility Room 2 (5106) Sentinel	ICR	13 weeks	Female	front	Pooled up to 2:1
Room 1, Sample Type: Fecal pellet								
5	5	Mouse	Shikata facility Room 1 (5107) Sentinel	ICR	13 weeks	Female	back	Pooled up to 2:1
6	6	Mouse	Shikata facility Room 1 (5107) Sentinel	ICR	13 weeks	Female	front	Pooled up to 2:1
Room 4, Sample Type: Fecal pellet								
7	7	Mouse	Shikata facility Room 4 (5115) Sentinel	ICR	13 weeks	Female	back	Pooled up to 2:1
8	8	Mouse	Shikata facility Room 4 (5115) Sentinel	ICR	13 weeks	Female	front	Pooled up to 2:1
Room 7, Sample Type: Fecal pellet								
9	9	Mouse	Shikata facility Room 7 (4104) Sentinel	ICR	13 weeks	Female	back	Pooled up to 2:1
10	10	Mouse	Shikata facility Room 7 (4104) Sentinel	ICR	13 weeks	Female	front	No pool
Room 6, Sample Type: Fecal pellet								
11	11	Mouse	Shikata facility Room 6 (4105) Sentinel	ICR	13 weeks	Female	back	Pooled up to 2:1
12	12	Mouse	Shikata facility Room 6 (4105) Sentinel	ICR	13 weeks	Female	front	Pooled up to 2:1

Test Results

Order #: 2020000556

LTM Customer ID: 42510
Okayama University
Advanced Science Research Center, OU

Charles River Japan
(CR RADS Japan)
955 Kamibayashi, Ishioka-shi
Ibaraki 315-0138 Japan

Shikata Campus
2-5-1, Shikatacho, Kita-ku
Okayama-shi Okayama 700-8558 Japan

Notes

Shikata facility, Mouse, PCR testing for routine HM

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex	Location	Addition Info
Room 5, Sample Type: Fecal pellet								
13	13	Mouse	Shikata facility Room 5 (4106) Sentinel	ICR	13 weeks	Female	back	Pooled up to 2:1
14	14	Mouse	Shikata facility Room 5 (4106) Sentinel	ICR	13 weeks	Female	front	Pooled up to 2:1
Room 11, Sample Type: Fecal pellet								
15	15	Mouse	Shikata facility Room 11 (4116) Sentinel	ICR	13 weeks	Female	back	Pooled up to 2:1
16	16	Mouse	Shikata facility Room 11 (4116) Sentinel	ICR	13 weeks	Female	front	Pooled up to 2:1
Room 10, Sample Type: Fecal pellet								
17	17	Mouse	Shikata facility Room 10 (4117) Sentinel	ICR	13 weeks	Female	back	Pooled up to 2:1
18	18	Mouse	Shikata facility Room 10 (4117) Sentinel	ICR	13 weeks	Female	front	Pooled up to 2:1
Room 9, Sample Type: Fecal pellet								
19	19	Mouse	Shikata facility Room 9 (4118) Sentinel	ICR	13 weeks	Female	back	Pooled up to 2:1
20	20	Mouse	Shikata facility Room 9 (4118) Sentinel	ICR	13 weeks	Female	front	Pooled up to 2:1
Room 8, Sample Type: Fecal pellet								
21	21	Mouse	Shikata facility Room 8 (4119) Sentinel	ICR	13 weeks	Female	back	Pooled up to 2:1
22	22	Mouse	Shikata facility Room 8 (4119) Sentinel	ICR	13 weeks	Female	front	Pooled up to 2:1
3109, Sample Type: Fecal pellet								
23	23	Mouse	Shikata facility 3109 Sentinel	ICR	13 weeks	Female	-	Pooled up to 2:1
3121, Sample Type: Fecal pellet								

Test Results

Order #: **2020000556**

LTM Customer ID: 42510
Okayama University
Advanced Science Research Center, OU

Charles River Japan
(CR RADS Japan)
955 Kamibayashi, Ishioka-shi
Ibaraki 315-0138 Japan

Shikata Campus
2-5-1, Shikatacho, Kita-ku
Okayama-shi Okayama 700-8558 Japan

Notes

Shikata facility, Mouse, PCR testing for routine HM

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex	Location	Addition Info
3121, Sample Type: Fecal pellet (continued)								
24	24	Mouse	Shikata facility 3121 Sentinel	ICR	13 weeks	Female	-	Pooled up to 2:1

Test Results

Order #: 2020000558

LTM Customer ID: 42510
Okayama University
Advanced Science Research Center, OU

Charles River Japan
(CR RADS Japan)
955 Kamibayashi, Ishioka-shi
Ibaraki 315-0138 Japan

Shikata Campus
2-5-1, Shikatacho, Kita-ku
Okayama-shi Okayama 700-8558 Japan

Billing Information

Payment Method
Purchase Order PO#: RADS SS 20 0168

Oriental Yeast Co., Ltd.
4-4-1, Minamisuita
Suita-shi Osaka 564-0043 Japan

Details

Sample(s) from: Multiple locations

Collection Date	Arrival Date	Approval Date
27-Feb-2020	28-Feb-2020	07-Mar-2020

Notes

Shikata facility, Rat, Serology testing for routine HM

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.

Results approved by Kato, Katsuhiko on 07 Mar 2020

Serology

	<u>1</u> 28	<u>2</u> 29	<u>3</u> 30	<u>4</u> 31	<u>5</u> 32
ELISA SEND	-	-	-	-	-
ELISA SDAV	-	-	-	-	-
ELISA MPUL	-	-	-	-	-
ELISA CPIL	IN	IN	-	IN	-
ELISA HANT	-	-	-	-	-
MAG B.bronchiseptica	-	-	-	-	-
MAG C. kutscheri	-	-	-	-	-
MAG S.Typhimurium	-	-	-	-	-
IFA CPIL	-	-	-	-	-

Remarks

MFIA/ELISA/IFA Results: - = Negative; +/- = Equivocal; + = Moderate to strong positive; TC = Non-specific reaction with tissue control. All Assays: IN = positive result interpreted as non-specific because not confirmed by other serologic assays or by testing of additional samples from the same source; PDG = pending; QNS = Quantity not sufficient.

Test Results

Order #: **2020000558**

LTM Customer ID: 42510
Okayama University
Advanced Science Research Center, OU

Charles River Japan
(CR RADS Japan)
955 Kamibayashi, Ishioka-shi
Ibaraki 315-0138 Japan

Shikata Campus
2-5-1, Shikatacho, Kita-ku
Okayama-shi Okayama 700-8558 Japan

Notes

Shikata facility, Rat, Serology testing for routine HM

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex	Dilution
Sample Type: Serum							
1	28	Rat	Shikata facility 3107 Sentinel	Wistar	13 weeks	Female	1
2	29	Rat	Shikata facility 3108 Sentinel	Wistar	13 weeks	Female	1
3	30	Rat	Shikata facility 3119 Sentinel	Wistar	13 weeks	Female	1
4	31	Rat	Shikata facility 3104 Sentinel	Wistar	13 weeks	Female	1
5	32	Rat	Shikata facility Wet lab Sentinel	Wistar	28 weeks	Male	1

Test Results

Order #: 2020000560

LTM Customer ID: 42510
Okayama University
Advanced Science Research Center, OU

Charles River Japan
(CR RADS Japan)
955 Kamibayashi, Ishioka-shi
Ibaraki 315-0138 Japan

Shikata Campus
2-5-1, Shikatacho, Kita-ku
Okayama-shi Okayama 700-8558 Japan

Billing Information

Payment Method
Purchase Order PO#: RADS SS 20 0168

Oriental Yeast Co., Ltd.
4-4-1, Minamisuita
Suita-shi Osaka 564-0043 Japan

Details

Sample(s) from: Multiple locations

Collection Date	Arrival Date	Approval Date
27-Feb-2020	28-Feb-2020	07-Mar-2020

Notes

Shikata facility, Mouse, PCR testing for routine HM

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.

Results approved by Kato, Katsuhiko on 07 Mar 2020

Molecular Diagnostics:

Infectious Disease PCR

	1 28	2 29	3 30	4 31	5 32
<i>Syphacia muris</i> PCR	-	-	-	-	-

Infectious Disease PCR Profile: Pinworm Screen PCR

Remarks

- = Negative; I = Inhibition, +/- = Equivocal; + = Positive

Sample Suitability/Detection of PCR Inhibition: Sample DNA or RNA is spiked with a low-copy number of an exogenous DNA or RNA template respectively. A spike template-specific PCR assay is used to test for the spike template for the purpose of determining the presence of PCR inhibitors. The RNA spike control is also used to evaluate the reverse-transcription of RNA. Amplification of spike template indicates that there is no detectable inhibition and the assay is valid.

Test Results

Order #: 2020000560

LTM Customer ID: 42510

Okayama University

Advanced Science Research Center, OU

Charles River Japan

(CR RADS Japan)

955 Kamibayashi, Ishioka-shi

Ibaraki 315-0138 Japan

Shikata Campus

2-5-1, Shikatacho, Kita-ku

Okayama-shi Okayama 700-8558 Japan

Notes

Shikata facility, Mouse, PCR testing for routine HM

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex	Addition Info
Sample Type: Fecal pellet							
1	28	Rat	Shikata facility 3107 Sentinel	Wistar	13 weeks	Female	No pool
2	29	Rat	Shikata facility 3108 Sentinel	Wistar	13 weeks	Female	No pool
3	30	Rat	Shikata facility 3119 Sentinel	Wistar	13 weeks	Female	No pool
4	31	Rat	Shikata facility 3104 Sentinel	Wistar	13 weeks	Female	No pool
5	32	Rat	Shikata facility Wet lab Sentinel	Wistar	28 weeks	Male	No pool