Test Result	ts		Orde	er #:	2	00645	
LTM Customer ID:	42510					Charles	River Japan
Okayama Universit	ty					(CR R	ADS Japan)
-	Research Center, OU				955 Kan	nibayashi,	Ishioka-shi
	,				lba	nraki 315-	0138 Japan
Shikata Campus							
2-5-1 Shikatacho, Kita	a-ku						
Okayama-shi Okayam	na 700-8558 Japan						
Billing Informa	ntion						
Payment Method					Or	riental Yea	ast Co., Ltd.
Purchase Order PO#: RADS SS 22 0066						4-4-1 N	/linamisuita
					Suita-shi O	saka 564-	0043 Japan
Details							
Sample(s) from:	Multiple locations						
Collection Date		Arrival Date	Appro	al Date			
16-Feb-2022		17-Feb-2022	01-Ma	r-2022			
Notes							
Shikata facility, Mous	e, Serology and PCR testing	for routine HM					
Diagnostic S	lummarv						
Test	<i>-y</i>	Colony	Tested	+	+/-	?	PDG
Aspiculuris tetraptera	PCR	Shikata facility Room 5 (4106)	2	1	0	0	0
		Sentinel Mice					
Helicobacter hepaticu	is PCR	Shikata facility Room 6 (4105)	2	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,

Sentinel Mice

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.

Helicobacter hepaticus PCR





Okayama University

Advanced Science Research Center, OU

Shikata Campus

2-5-1 Shikatacho, Kita-ku

Okayama-shi Okayama 700-8558 Japan

Notes

Shikata facility, Mouse, Serology and PCR testing for routine HM

Molecular Diagnostics:

Infectious Disease PCR

	24	<u>25</u>	<u>26</u>	<u>27</u>	<u>28</u>	<u>29</u>	<u>30</u>	<u>31</u>	<u>32</u>	<u>33</u>
	1	2	3	4	5	6	7	8	9	10
Helicobacter hepaticus PCR	-	-	-	-	-	-	-	-	-	-
Aspiculuris tetraptera PCR	-	-	-	-	-	-	-	-	-	-
Syphacia obvelata PCR	_	-	-	-	-	-	-	_	-	-
	<u>34</u>	<u>35</u>	<u>36</u>	<u>37</u>	<u>38</u>	<u>39</u>	<u>40</u>	<u>41</u>	<u>42</u>	43
	11	12	13	14	15	16	17	18	19	20
Helicobacter hepaticus PCR	-	+	-	-	-	-	-	-	-	-
Aspiculuris tetraptera PCR	-	-	-	+	-	-	-	-	-	-
Syphacia obvelata PCR	-	-	-	-	-	-	-	-	-	-
	44	<u>45</u>	46							
	21	22	23							

	21	22	23
Helicobacter hepaticus PCR	-	-	-
Aspiculuris tetraptera PCR	-	-	-
Syphacia obvelata PCR	-	-	-

Infectious Disease PCR Profile: Helicobacter hepaticus 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.

Rodentibacter pneumotropicus: (former) P. pneumotropica-Jawetz Rodentibacter heylii: (former) P. pneumotropica-Heyl Filobacterium rodentium: (former) CAR Bacillus





Charles River Japan

(CR RADS Japan)

955 Kamibayashi, Ishioka-shi

Results approved by Kato, Katsuhiko on 01 Mar 2022

Order #:

Okayama University

Advanced Science Research Center, OU

Shikata Campus

2-5-1 Shikatacho, Kita-ku

Okayama-shi Okayama 700-8558 Japan

Notes

Shikata facility, Mouse, Serology and PCR testing for routine HM

Charles River Japan

(CR RADS Japan)

955 Kamibayashi, Ishioka-shi

Ibaraki 315-0138 Japan

Results approved by Kato, Katsuhiko on 01 Mar 2022

Order #:

erology						Re	esults approv	ults approved by Kato, Ka		n 01 Ma
	<u>1</u> 1	2 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	<mark>9</mark> 9	<u>10</u> 10
ELISA SEND	<u> </u>	_	_	<u> </u>	-	-	<u> </u>	-	-	_
ELISA MHV	-	-	-	-	-	-	-	-	-	-
ELISA MPUL	-	-	-	-	-	-	-	-	-	-
ELISA CPIL	-	_	-	_	-	_	-	-	-	-
ELISA LCMV	-	-	-	-	-	-	-	-	-	-
ELISA ECTRO	-	-	_	-	-	_	-	-	-	-
MAG C. kutscheri	-	-	-	-	-	-	-	-	-	-
MAG S.Typhimurium	-	-	-	-	-	_	-	-	-	-
ELISA SEND	-	12 -	-	-	15 _	16 _	17 -	18 _	19 _	20
ELISA MHV	-	-	-	-	-	-	-	-	-	-
ELISA MPUL	-	-	-	-	-	-	-	-	-	-
ELISA CPIL	-	-	IN	-	-	-	-	-	-	-
ELISA LCMV	-	-	-	-	-	-	-	-	-	-
ELISA ECTRO	-	-	-	-	-	-	-	-	-	-
MAG C. kutscheri	-	-	-	-	-	-	-	-	-	-
MAG S.Typhimurium	-	-	-	-	-	-	-	-	-	-
IFA CPIL			-							
				1						
	21 21	<u>22</u> 22	<u>23</u> 23							
ELISA SEND	-	-	-							
ELISA MHV	-	-	-							
ELISA MPUL	-	-	-							
		1		-						

Remarks

ELISA CPIL

ELISA LCMV

ELISA ECTRO

MAG C. kutscheri

MAG S. Typhimurium



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Okayama University

Advanced Science Research Center, OU

Shikata Campus

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

Notes

Shikata facility, Mouse, Serology and PCR testing for routine HM

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.

FROD: Filobacterium rodentium ((former) CAR bacillus)



Order #:

2022000645

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





Okayama University

Advanced Science Research Center, OU

Shikata Campus

2-5-1 Shikatacho, Kita-ku

Okayama-shi Okayama 700-8558 Japan

Notes

Shikata facility, Mouse, Serology and PCR testing for routine HM

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex	Additio	Locatio
							n Info	n
			Room 2, Sam	iple Type: Serui	m			
3	3	Mouse	Shikata facility Room 2	ICR	13 weeks	Female	Undilut	back
			(5106) Sentinel				ed	
4	4	Mouse	Shikata facility Room 2	ICR	13 weeks	Female	Undilut	front
			(5106) Sentinel				ed	
			Room 3, Sam	iple Type: Serui	m			
1	1	Mouse	Shikata facility Room 3	ICR	13 weeks	Female	Undilut	back
			(5105) Sentinel				ed	
2	2	Mouse	Shikata facility Room 3	ICR	13 weeks	Female	Undilut	front
			(5105) Sentinel				ed	
			Room 1, Sam	iple Type: Serui	n			
5	5	Mouse	Shikata facility Room 1	ICR	13 weeks	Female	Undilut	back
			(5107) Sentinel				ed	
6	6	Mouse	Shikata facility Room 1	ICR	13 weeks	Female	Undilut	front
			(5107) Sentinel				ed	
			Room 4, Sam	iple Type: Serui	m			
7	7	Mouse	Shikata facility Room 4	ICR	13 weeks	Female	Undilut	back
			(5115) Sentinel				ed	
8	8	Mouse	Shikata facility Room 4	ICR	13 weeks	Female	Undilut	front
			(5115) Sentinel				ed	
			Room 7, Sam	ple Type: Serui	m			
9	9	Mouse	Shikata facility Room 7	ICR	13 weeks	Female	Undilut	back
			(4104) Sentinel				ed	
10	10	Mouse	Shikata facility Room 7	ICR	13 weeks	Female	Undilut	front
			(4104) Sentinel				ed	
			Room 6, Sam	iple Type: Serui	m			
11	11	Mouse	Shikata facility Room 6	ICR	13 weeks	Female	Undilut	back
			(4105) Sentinel				ed	
12	12	Mouse	Shikata facility Room 6	ICR	13 weeks	Female	Undilut	front
			(4105) Sentinel				ed	





2022000645

Order #:

Charles River Japan

(CR RADS Japan)

955 Kamibayashi, Ishioka-shi

Okayama University

Advanced Science Research Center, OU

Shikata Campus

2-5-1 Shikatacho, Kita-ku

Okayama-shi Okayama 700-8558 Japan

Notes

Shikata facility, Mouse, Serology and PCR testing for routine HM

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex	Additio	Locatio			
							n Info	n			
			Room 5, Sam	iple Type: Serui	n						
13	13	Mouse	Shikata facility Room 5	ICR	13 weeks	Female	Undilut	back			
			(4106) Sentinel				ed				
14	14	Mouse	Shikata facility Room 5	ICR	13 weeks	Female	Undilut	front			
			(4106) Sentinel				ed				
	Room 11, Sample Type: Serum										
15	15	Mouse	Shikata facility Room 11	ICR	13 weeks	Female	Undilut	back			
			(4116) Sentinel				ed				
16	16	Mouse	Shikata facility Room 11	ICR	13 weeks	Female	Undilut	front			
			(4116) Sentinel				ed				
			Room 10, San	nple Type: Seru	m						
17	17	Mouse	Shikata facility Room 10	ICR	13 weeks	Female	Undilut	back			
			(4117) Sentinel				ed				
18	18	Mouse	Shikata facility Room 10	ICR	13 weeks	Female	Undilut	front			
			(4117) Sentinel				ed				
			Room 9, Sam	iple Type: Serui	n						
19	19	Mouse	Shikata facility Room 9	ICR	13 weeks	Female	Undilut	back			
			(4118) Sentinel				ed				
20	20	Mouse	Shikata facility Room 9	ICR	13 weeks	Female	Undilut	front			
			(4118) Sentinel				ed				
			Room 8, Sam	iple Type: Serui	n						
21	21	Mouse	Shikata facility Room 8	ICR	13 weeks	Female	Undilut	back			
			(4119) Sentinel				ed				
22	22	Mouse	Shikata facility Room 8	ICR	13 weeks	Female	Undilut	front			
			(4119) Sentinel				ed				
			3121, Samp	le Type: Serum							
23	23	Mouse	Shikata facility 3121	ICR	13 weeks	Female	Undilut	-			
			Sentinel				ed				
			Room 3, Sample	e Type: Fecal p	ellet						





Charles River Japan

Ibaraki 315-0138 Japan

(CR RADS Japan)

955 Kamibayashi, Ishioka-shi

Order #:

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Okayama University

Advanced Science Research Center, OU

Shikata Campus

2-5-1 Shikatacho, Kita-ku

Okayama-shi Okayama 700-8558 Japan

Notes

Shikata facility, Mouse, Serology and PCR testing for routine HM

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex	Additio	Locatio				
							n Info	n				
			Room 3, Sample Type	: Fecal pellet (c	ontinued)							
24	1	Mouse	Shikata facility Room 3	ICR, etc	-	Female	Pooled	back				
			(5105) Sentinel				up to					
							10:1					
25	2	Mouse	Shikata facility Room 3	ICR, etc	-	Female	Pooled	front				
			(5105) Sentinel				up to					
							9:1					
			Room 2, Sample	e Type: Fecal pe	ellet							
26	3	Mouse	Shikata facility Room 2	ICR, etc	-	Female	Pooled	back				
			(5106) Sentinel				up to					
							10:1					
27	4	Mouse	Shikata facility Room 2	ICR, etc	-	Female	Pooled	front				
			(5106) Sentinel				up to					
							10:1					
	Room 1, Sample Type: Fecal pellet											
28	5	Mouse	Shikata facility Room 1	ICR, etc	-	Female	Pooled	back				
			(5107) Sentinel				up to					
							10:1					
29	6	Mouse	Shikata facility Room 1	ICR, etc	-	Female	Pooled	front				
			(5107) Sentinel				up to					
							10:1					
			Room 4, Sample	e Type: Fecal pe	ellet							
30	7	Mouse	Shikata facility Room 4	ICR, etc	-	Female	Pooled	back				
			(5115) Sentinel				up to					
							10:1					
31	8	Mouse	Shikata facility Room 4	ICR, etc	-	Female	Pooled	front				
			(5115) Sentinel				up to					
							10:1					
			Room 7, Sample	e Type: Fecal pe	ellet							





2022000645

Order #:

Charles River Japan (CR RADS Japan)

955 Kamibayashi, Ishioka-shi

Okayama University

Advanced Science Research Center, OU

Shikata Campus

2-5-1 Shikatacho, Kita-ku

Okayama-shi Okayama 700-8558 Japan

Notes

Shikata facility, Mouse, Serology and PCR testing for routine HM

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex	Additio	Locatio
							n Info	п
			Room 7, Sample Ty	pe: Fecal pelle	t (continued)			
32	9	Mouse	Shikata facility Room 7	ICR, etc	-	Female	Pooled	back
			(4104) Sentinel				up to	
							9:1	
33	10	Mouse	Shikata facility Room 7	ICR, etc	-	Female	Pooled	front
			(4104) Sentinel				up to	
							10:1	
			Room 6, Sam	ole Type: Feca	l pellet			
34	11	Mouse	Shikata facility Room 6	ICR, etc	-	Female	Pooled	back
			(4105) Sentinel				up to	
							10:1	
35	12	Mouse	Shikata facility Room 6	ICR, etc	-	Female	Pooled	front
			(4105) Sentinel				up to	
							10:1	
			Room 5, Sam	ole Type: Feca	l pellet			
36	13	Mouse	Shikata facility Room 5	ICR, etc	-	Female	Pooled	back
			(4106) Sentinel				up to	
							10:1	
37	14	Mouse	Shikata facility Room 5	ICR, etc	-	Female	Pooled	front
			(4106) Sentinel				up to	
							10:1	
			Room 11, Sam	ple Type: Fec	al pellet			
38	15	Mouse	Shikata facility Room 11	ICR, etc	-	Female	Pooled	back
			(4116) Sentinel				up to	
							9:1	
39	16	Mouse	Shikata facility Room 11	ICR, etc	-	Female	Pooled	front
			(4116) Sentinel				up to	
							9:1	
			Room 10. Sam	nle Type: Fec	al nellet			

Room 10, Sample Type: Fecal pellet





2022000645

Order #:

Charles River Japan (CR RADS Japan)

955 Kamibayashi, Ishioka-shi

Okayama University

Advanced Science Research Center, OU

Shikata Campus

2-5-1 Shikatacho, Kita-ku

Okayama-shi Okayama 700-8558 Japan

Notes

Shikata facility, Mouse, Serology and PCR testing for routine HM

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex	Additio	Locatio
							n Info	п
			Room 10, Sample Ty	pe: Fecal pelle	t (continued)			
40	17	Mouse	Shikata facility Room 10	ICR, etc	-	Female	Pooled	back
			(4117) Sentinel				up to	
							9:1	
41	18	Mouse	Shikata facility Room 10	ICR, etc	-	Female	Pooled	front
			(4117) Sentinel				up to	
							10:1	
			Room 9, Samp	ole Type: Fecal	pellet			
42	19	Mouse	Shikata facility Room 9	ICR, etc	-	Female	Pooled	back
			(4118) Sentinel				up to	
							10:1	
43	20	Mouse	Shikata facility Room 9	ICR, etc	-	Female	Pooled	front
			(4118) Sentinel				up to	
							10:1	
			Room 8, Samp	ole Type: Fecal	pellet			
44	21	Mouse	Shikata facility Room 8	ICR, etc	-	Female	Pooled	back
			(4119) Sentinel				up to	
							10:1	
45	22	Mouse	Shikata facility Room 8	ICR, etc	-	Female	Pooled	front
			(4119) Sentinel				up to	
							10:1	
			3121, Sample	e Type: Fecal p	oellet			
46	23	Mouse	Shikata facility 3121	ICR, etc	-	Female	Pooled	-
			Sentinel				up to	
							10:1	





2022000645

Order #:

Charles River Japan (CR RADS Japan)

955 Kamibayashi, Ishioka-shi Ibaraki 315-0138 Japan

Test Result	S		Order #:		20220	00646				
LTM Customer ID:	42510				Charles	River Japan				
Okayama University	у			(CR RADS Japa)						
Advanced Science I	Research Center, OU			955 Ka	amibayashi,	Ishioka-shi				
	,			I	baraki 315-	-0138 Japan				
Shikata Campus										
2-5-1 Shikatacho, Kita	-ku									
Okayama-shi Okayama	a 700-8558 Japan									
Billing Information	tion									
Payment Method					Oriental Yea	ast Co., Ltd.				
Purchase Order	PO#: RADS SS 22 0066			4-4-1 N	vinamisuita					
				Suita-shi	Osaka 564-	-0043 Japan				
Details										
Sample(s) from:	Multiple locations									
Collection Date		Arrival Date	Approval Dat	е						
16-Feb-2022		17-Feb-2022	01-Mar-2022							
Notes										
Shikata facility, Rat, Se	erology and PCR testing for	routine HM								
Diagnostic Su	ummarv									
Test	,	Colony	Tested +	+/-	?	PDG				
		All results NEGATIVE								
				0 1 1 1						

+ = 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.



Okayama University

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Shikata Campus

2-5-1 Shikatacho, Kita-ku

Okayama-shi Okayama 700-8558 Japan

Notes

Shikata facility, Rat, Serology and PCR testing for routine HM

Molecular Diagnostics:

Infectious Disease PCR

	<u>5</u> 1	<u>6</u> 2	<u>7</u> 3	<u>8</u> 4	
Syphacia muris PCR	-	-	-	-	1

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.

Rodentibacter pneumotropicus: (former) P. pneumotropica-Jawetz Rodentibacter heylii: (former) P. pneumotropica-Heyl Filobacterium rodentium: (former) CAR Bacillus



2022000646

Charles River Japan

(CR RADS Japan)

955 Kamibayashi, Ishioka-shi

Ibaraki 315-0138 Japan

Results approved by Kato, Katsuhiko on 01 Mar 2022



Okayama University

Advanced Science Research Center, OU

Shikata Campus

2-5-1 Shikatacho, Kita-ku

Okayama-shi Okayama 700-8558 Japan

Notes

Shikata facility, Rat, Serology and PCR testing for routine HM

Serology

	1	<u>2</u>	<u>3</u>	<u>4</u>
	1	2	3	4
ELISA SEND	-	-	-	-
ELISA SDAV	-	-	-	-
ELISA MPUL	-	-	-	-
ELISA CPIL	-	-	-	-
ELISA HANT	-	-	-	-
MAG C. kutscheri	-	-	-	-
MAG S.Typhimurium	-	-	-	-
MAG B.bronchiseptica	-	-	-	-

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.

FROD: Filobacterium rodentium ((former) CAR bacillus)

Order #:

2022000646

Charles River Japan

(CR RADS Japan)

955 Kamibayashi, Ishioka-shi

Ibaraki 315-0138 Japan

Results approved by Kato, Katsuhiko on 01 Mar 2022



Okayama University

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Shikata Campus

2-5-1 Shikatacho, Kita-ku

Okayama-shi Okayama 700-8558 Japan

Notes

Shikata facility, Rat, Serology and PCR testing for routine HM

Sample Information

Number	Code	Species	Colony	Strain	Age	Sex	Additio	Locatio			
							n Info	n			
3108, Sample Type: Serum											
2	2	Rat	Shikata facility 3108	Wistar	14 weeks	Female	Undilut	-			
			Sentinel				ed				
3107, Sample Type: Serum											
1	1	Rat	Shikata facility 3107	Wistar	13 weeks	Female	Undilut	-			
			Sentinel				ed				
3119, Sample Type: Serum											
3	3	Rat	Shikata facility 3119	Wistar	15 weeks	Female	Undilut	-			
			Sentinel				ed				
4	4	Rat	Shikata facility 3119	Wistar	16 weeks	Female	Undilut	Monitor			
			Sentinel				ed	box			
3107, Sample Type: Fecal pellet											
5	1	Rat	Shikata facility 3107	Wistar	-	Female	No pool	-			
			Sentinel								
			3108, Sample	Type: Fecal pel	let						
6	2	Rat	Shikata facility 3108	Wistar, etc	-	Female	Pooled	-			
			Sentinel				up to				
							7:1				
3119, Sample Type: Fecal pellet											
7	3	Rat	Shikata facility 3119	Wistar	-	Female	No pool	-			
			Sentinel								
8	4	Rat	Shikata facility 3119	Wistar	-	Female	No pool	Monitor			
			Sentinel					box			





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Order #:

Charles River Japan

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