

# Test Results

Order #: 2017029177

**RSI Biotech**  
(# 36472)  
P.O. Box 1057  
Mocksville, NC 27028 USA

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

## Billing Information

### Payment Method

Credit Card      Nan Robinson  
                         Visa 0233

RSI Biotech  
P.O. Box 1057  
Mocksville, NC 27028 USA

## Details

Sample(s) from: NULL

Collection Date  
28-Jun-2017

Arrival Date  
28-Jun-2017

Approval Date  
13-Jul-2017

## Notes

Pay by credit card

## Protocol

HM Standard- Guinea Pig (HM-HM-274)

## Diagnostic Summary

Test	Colony	Tested	+	+/-	?	PDG
Gross Necropsy Exam	n/d	2	2	0	0	0
IFA PIV-3	n/d	2	0	2	0	0
MFIA GAV	n/d	2	2	0	0	0
MFIA PIV-3	n/d	2	0	2	0	0
MFIA Guinea Pig Tracking Profile						
Other Protozoan	n/d	2	2	0	0	0
Endoparasite Exam - Protozoa						
Trichomonads	n/d	2	2	0	0	0
Endoparasite Exam - Protozoa						

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

## Summary Remarks

### Pathology

Lesions were noted on gross postmortem examination. Tissues were collected for histologic examination and a separate report is attached.

### Parasitology

Enteric protozoa were present. Their morphologic appearance was not consistent with organisms capable of producing clinical disease in this species.

To assure the SPF 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](http://www.criver.com/info/disease_sheets).

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## Bacteriology

Results approved by Cleasby, Danielle on 05 Jul 2017

### GPig Nasal Aspirate w/o Myco

	<u>1</u> B45	<u>2</u> B55
<i>B. bronchiseptica</i>	-	-
<i>C. kutscheri</i>	-	-
<i>K. oxytoca</i>	-	-
<i>K. pneumoniae</i>	-	-
<i>P. multocida</i>	-	-
<i>P. pneumotropica</i>	-	-
<i>Pasteurella sp.</i>	-	-
<i>Ps. aeruginosa</i>	-	-
<i>Pseudomonas sp.</i>	-	-
<i>Staph. aureus</i>	-	-
<i>Strep. pneumoniae</i>	-	-
<i>Strep. zooepidemicus</i>	-	-
<i>Beta Strep. sp. - Grp B</i>	-	-
<i>Beta Strep. sp. - Grp G</i>	-	-
<i>Beta Strep. sp.</i>	-	-
<i>Other</i>	-	-

### GPig Bronchial Wash Culture

	<u>1</u> B45	<u>2</u> B55
<i>B. bronchiseptica</i>	-	-
<i>C. kutscheri</i>	-	-
<i>K. oxytoca</i>	-	-
<i>K. pneumoniae</i>	-	-
<i>P. multocida</i>	-	-
<i>P. pneumotropica</i>	-	-
<i>Pasteurella sp.</i>	-	-
<i>Ps. aeruginosa</i>	-	-
<i>Pseudomonas sp.</i>	-	-
<i>Staph. aureus</i>	-	-
<i>Strep. pneumoniae</i>	-	-
<i>Strep. zooepidemicus</i>	-	-
<i>Beta Strep. sp. - Grp B</i>	-	-
<i>Beta Strep. sp. - Grp G</i>	-	-
<i>Beta Strep. sp.</i>	-	-
<i>Other</i>	-	-

### Cecum Culture

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## Bacteriology

Results approved by Cleasby, Danielle on 05 Jul 2017

	<b>1</b> B45	<b>2</b> B55
<i>Ps. aeruginosa</i>	-	-
<i>Pseudomonas sp.</i>	-	-
<i>Salmonella sp.</i>	-	-
<i>Other</i>	-	-

## Remarks

- = Negative/No Growth; + = Positive/Growth Present

NI = Not Interpreted: culture could not be interpreted due to overgrowth of Proteus; NT = Not Tested.

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## Health Monitoring: Parasitology

Results approved by White, Danielle on 29 Jun 2017

### Ectoparasite Screen G. pig - Direct

	<u>1</u> B45	<u>2</u> B55
<i>Gyropus ovalis</i>	-	-
<i>Gliricola porcelli</i>	-	-
<i>Trimenopon hispidum</i>	-	-
<i>Chirodiscoides caviae</i>	-	-
Other Ectoparasite	-	-

### Endoparasite Exam - Helminths

	<u>1</u> B45	<u>2</u> B55
<i>Aspicularis tetraptera</i>	-	-
<i>Syphacia muris</i>	-	-
<i>Syphacia obvelata</i>	-	-
Other Helminth	-	-

### Endoparasite Exam - Protozoa

	<u>1</u> B45	<u>2</u> B55
<i>Chilomastix sp.</i>	-	-
<i>Entamoeba sp.</i>	-	-
<i>Giardia sp.</i>	-	-
<i>Hexamastix sp.</i>	-	-
<i>Monocercomonoides sp.</i>	-	-
<i>Retortamonas sp.</i>	-	-
<i>Spironucleus sp.</i>	-	-
Trichomonads	+	+
Other Protozoan	A	A

## Remarks

- = Negative; + = Positive.

A = Monocercomonas sp.

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## Health Monitoring: Pathology

Results approved by White, Danielle on 29 Jun 2017

	<u>1</u> B45	<u>2</u> B55
<b>Gross Necropsy Exam</b>	<b>A</b>	<b>B</b>
<b>Tyzzers Disease</b>	-	-
<b>Dermatophytosis</b>	-	-

## Remarks

- = No significant findings

A = Gall bladder: Irregular shape, multilobulated, mild.

B = Liver (Left lateral lobe): Discoloration, yellow, rough texture, multifocal, mild.

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## Serology

Results approved by Kudalis, Diane on 30 Jun 2017

	<u>1</u> B45	<u>2</u> B55
<b>MFIA SEND</b>	-	-
<b>MFIA PVM</b>	-	-
<b>MFIA REO</b>	-	-
<b>MFIA PIV-3</b>	+/-	+/-
<b>MFIA MPUL</b>	-	-
<b>MFIA PIV-5 (SV-5)</b>	-	-
<b>MFIA Anti-Ig</b>	<b>P</b>	<b>P</b>
<b>MFIA GAV</b>	<b>+</b>	<b>+</b>
<b>IFA PIV-3</b>	+/-	+/-

*Serology Profile:* MFIA Guinea Pig Tracking 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  $\geq 7000$  or higher). 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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## Sample Information

<i>Number</i>	<i>Code</i>	<i>Species</i>	<i>Colony</i>
1	B45	Guinea pig	n/d
2	B55	Guinea pig	n/d