

Pamela Rudd

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 Columbia, SC 29208 US

Received Date: 13-Nov-2013 12:06 pm **PO # :** P. Rudd_7320, 06-14

Accession No : HT-1311-0083 **Report Date:** 18-Nov-2013 **BREL Reference :**

The following sample(s) were submitted to BioReliance.

Peromyscus

ID: 1(Serum)	BioReliance Sample Id:	108986
ID: 10(Serum)	BioReliance Sample Id:	108995
ID: 11(Serum)	BioReliance Sample Id:	108996
ID: 12(Serum)	BioReliance Sample Id:	108997
ID: 13(Serum)	BioReliance Sample Id:	108998
ID: 14(Serum)	BioReliance Sample Id:	108999
ID: 15(Serum)	BioReliance Sample Id:	109000
ID: 16(Serum)	BioReliance Sample Id:	109001
ID: 17(Serum)	BioReliance Sample Id:	109002
ID: 18(Serum)	BioReliance Sample Id:	109003
ID: 19(Serum)	BioReliance Sample Id:	109004
ID: 2(Serum)	BioReliance Sample Id:	108987
ID: 3(Serum)	BioReliance Sample Id:	108988
ID: 4(Serum)	BioReliance Sample Id:	108989
ID: 5(Serum)	BioReliance Sample Id:	108990
ID: 6(Serum)	BioReliance Sample Id:	108991
ID: 7(Serum)	BioReliance Sample Id:	108992
ID: 8(Serum)	BioReliance Sample Id:	108993
ID: 9(Serum)	BioReliance Sample Id:	108994

Total Peromyscus(s) : 19

The sample(s) were submitted for analysis of :

Carb	EDIM	GDVII
LCM	MHV	MMV
Mpvl	MPV	PVM
Sendai		

Summary of Results by Laboratory

Clinical Evaluation :
Not Requested.
Serology :

All nineteen serum samples were negative for all requested antibody tests.

PCR :
Not Requested.
Bacteriology :
Not Requested.
Parasitology :
Not Requested.
Clinical Pathology :
Not Requested.
Pathology :
Not Requested.

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BREL Reference :

The Samples were received in the Laboratory on 13-Nov-2013 12:06 PM.

BioReliance provides testing service in accordance with the sample submission information provided by the Client. BioReliance warrants that the services provided shall be performed in accordance with sample submission information and standard operating procedures for the services requested.

For questions or other inquiries regarding this report please contact Animal Health Service, Customer Service, 301-610-2521 or AHS@BioReliance.com.

See following pages for individual result values by Sample ID

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Client Sample/Animal Designation: 1 **Species:** Peromyscus

Date Received: 13-Nov-2013 12:06 **Sample Collection Date:** 12-Nov-2013 **Collected By:** Not Provided

Serology (BioReliance Sample Id: 108986)

Test	Result Value	Normal Range	Units	Date/Time Resulted
PVM	Negative			14-Nov-2013 3:25 pm
Sendai	Negative			15-Nov-2013 3:30 pm
MHV	Negative			14-Nov-2013 3:18 pm
GDVII	Negative			14-Nov-2013 3:13 pm
MMV	Negative			14-Nov-2013 3:19 pm
Carb	Negative			14-Nov-2013 3:09 pm
Mpul	Negative			14-Nov-2013 3:21 pm
LCM	Negative			14-Nov-2013 3:15 pm
MPV	Negative			14-Nov-2013 3:22 pm
EDIM	Negative			14-Nov-2013 3:12 pm

Results were reviewed by PATTI.OSBORN on 18-Nov-2013 11:55 AM

Client Sample/Animal Designation: 10 **Species:** Peromyscus

Date Received: 13-Nov-2013 12:06 **Sample Collection Date:** 12-Nov-2013 **Collected By:** Not Provided

Serology (BioReliance Sample Id: 108995)

Test	Result Value	Normal Range	Units	Date/Time Resulted
PVM	Negative			14-Nov-2013 3:25 pm
Sendai	Negative			14-Nov-2013 3:27 pm
MHV	Negative			14-Nov-2013 3:18 pm
GDVII	Negative			14-Nov-2013 3:13 pm
MMV	Negative			14-Nov-2013 3:19 pm
Carb	Negative			14-Nov-2013 3:09 pm
Mpul	Negative			14-Nov-2013 3:21 pm
LCM	Negative			14-Nov-2013 3:14 pm
MPV	Negative			14-Nov-2013 3:22 pm
EDIM	Negative			14-Nov-2013 3:12 pm

Results were reviewed by PATTI.OSBORN on 18-Nov-2013 11:55 AM

Client Sample/Animal Designation: 11 **Species:** Peromyscus

Date Received: 13-Nov-2013 12:06 **Sample Collection Date:** 12-Nov-2013 **Collected By:** Not Provided

Serology (BioReliance Sample Id: 108996)

Test	Result Value	Normal Range	Units	Date/Time Resulted
PVM	Negative			14-Nov-2013 3:25 pm
Sendai	Negative			14-Nov-2013 3:27 pm
MHV	Negative			14-Nov-2013 3:18 pm
GDVII	Negative			14-Nov-2013 3:13 pm
MMV	Negative			14-Nov-2013 3:19 pm
Carb	Negative			14-Nov-2013 3:09 pm
Mpul	Negative			14-Nov-2013 3:21 pm
LCM	Negative			14-Nov-2013 3:14 pm
MPV	Negative			14-Nov-2013 3:22 pm

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Accession No : HT-1311-0083 **Report Date:** 18-Nov-2013 **BREL Reference :**
Serology (BioReliance Sample Id: 108996)

Test	Result Value	Normal Range	Units	Date/Time Resulted
EDIM	Negative			14-Nov-2013 3:12 pm

Results were reviewed by PATTI.OSBORN on 18-Nov-2013 11:55 AM

Client Sample/Animal Designation: 12 **Species:** Peromyscus

Date Received: 13-Nov-2013 12:06 **Sample Collection Date:** 12-Nov-2013 **Collected By:** Not Provided

Serology (BioReliance Sample Id: 108997)

Test	Result Value	Normal Range	Units	Date/Time Resulted
PVM	Negative			14-Nov-2013 3:25 pm
Sendai	Negative			14-Nov-2013 3:27 pm
MHV	Negative			14-Nov-2013 3:18 pm
GDVII	Negative			15-Nov-2013 3:26 pm
MMV	Negative			14-Nov-2013 3:19 pm
Carb	Negative			14-Nov-2013 3:09 pm
Mpul	Negative			14-Nov-2013 3:21 pm
LCM	Negative			14-Nov-2013 3:14 pm
MPV	Negative			14-Nov-2013 3:22 pm
EDIM	Negative			14-Nov-2013 3:12 pm

Results were reviewed by PATTI.OSBORN on 18-Nov-2013 11:55 AM

Client Sample/Animal Designation: 13 **Species:** Peromyscus

Date Received: 13-Nov-2013 12:06 **Sample Collection Date:** 12-Nov-2013 **Collected By:** Not Provided

Serology (BioReliance Sample Id: 108998)

Test	Result Value	Normal Range	Units	Date/Time Resulted
PVM	Negative			14-Nov-2013 3:25 pm
Sendai	Negative			14-Nov-2013 3:27 pm
MHV	Negative			14-Nov-2013 3:18 pm
GDVII	Negative			14-Nov-2013 3:13 pm
MMV	Negative			14-Nov-2013 3:19 pm
Carb	Negative			14-Nov-2013 3:09 pm
Mpul	Negative			14-Nov-2013 3:21 pm
LCM	Negative			14-Nov-2013 3:14 pm
MPV	Negative			14-Nov-2013 3:22 pm
EDIM	Negative			14-Nov-2013 3:12 pm

Results were reviewed by PATTI.OSBORN on 18-Nov-2013 11:55 AM

Client Sample/Animal Designation: 14 **Species:** Peromyscus

Date Received: 13-Nov-2013 12:06 **Sample Collection Date:** 12-Nov-2013 **Collected By:** Not Provided

Serology (BioReliance Sample Id: 108999)

Test	Result Value	Normal Range	Units	Date/Time Resulted
PVM	Negative			14-Nov-2013 3:25 pm
Sendai	Negative			14-Nov-2013 3:27 pm
MHV	Negative			14-Nov-2013 3:18 pm
GDVII	Negative			15-Nov-2013 3:26 pm
MMV	Negative			14-Nov-2013 3:19 pm

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Report Date: 18-Nov-2013

BREL Reference :

Serology (BioReliance Sample Id: 108999)

Test	Result Value	Normal Range	Units	Date/Time Resulted
Carb	Negative			14-Nov-2013 3:09 pm
Mpul	Negative			14-Nov-2013 3:21 pm
LCM	Negative			14-Nov-2013 3:14 pm
MPV	Negative			14-Nov-2013 3:22 pm
EDIM	Negative			14-Nov-2013 3:12 pm

Results were reviewed by PATTI.OSBORN on 18-Nov-2013 11:55 AM

Client Sample/Animal Designation: 15 **Species:** Peromyscus
Date Received: 13-Nov-2013 12:06 **Sample Collection Date:** 12-Nov-2013 **Collected By:** Not Provided

Serology (BioReliance Sample Id: 109000)

Test	Result Value	Normal Range	Units	Date/Time Resulted
PVM	Negative			14-Nov-2013 3:25 pm
Sendai	Negative			14-Nov-2013 3:27 pm
MHV	Negative			14-Nov-2013 3:18 pm
GDVII	Negative			14-Nov-2013 3:13 pm
MMV	Negative			14-Nov-2013 3:19 pm
Carb	Negative			14-Nov-2013 3:09 pm
Mpul	Negative			14-Nov-2013 3:21 pm
LCM	Negative			14-Nov-2013 3:14 pm
MPV	Negative			14-Nov-2013 3:22 pm
EDIM	Negative			14-Nov-2013 3:12 pm

Results were reviewed by PATTI.OSBORN on 18-Nov-2013 11:55 AM

Client Sample/Animal Designation: 16 **Species:** Peromyscus
Date Received: 13-Nov-2013 12:06 **Sample Collection Date:** 12-Nov-2013 **Collected By:** Not Provided

Serology (BioReliance Sample Id: 109001)

Test	Result Value	Normal Range	Units	Date/Time Resulted
PVM	Negative			14-Nov-2013 3:25 pm
Sendai	Negative			14-Nov-2013 3:27 pm
MHV	Negative			14-Nov-2013 3:18 pm
GDVII	Negative			14-Nov-2013 3:13 pm
MMV	Negative			14-Nov-2013 3:19 pm
Carb	Negative			14-Nov-2013 3:09 pm
Mpul	Negative			14-Nov-2013 3:21 pm
LCM	Negative			14-Nov-2013 3:14 pm
MPV	Negative			14-Nov-2013 3:22 pm
EDIM	Negative			14-Nov-2013 3:12 pm

Results were reviewed by PATTI.OSBORN on 18-Nov-2013 11:55 AM

Client Sample/Animal Designation: 17 **Species:** Peromyscus
Date Received: 13-Nov-2013 12:06 **Sample Collection Date:** 12-Nov-2013 **Collected By:** Not Provided

Serology (BioReliance Sample Id: 109002)

Test	Result Value	Normal Range	Units	Date/Time Resulted
PVM	Negative			14-Nov-2013 3:25 pm

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Serology (BioReliance Sample Id: 109002)

Test	Result Value	Normal Range	Units	Date/Time Resulted
Sendai	Negative			14-Nov-2013 3:27 pm
MHV	Negative			14-Nov-2013 3:18 pm
GDVII	Negative			14-Nov-2013 3:13 pm
MMV	Negative			14-Nov-2013 3:19 pm
Carb	Negative			14-Nov-2013 3:09 pm
Mpul	Negative			14-Nov-2013 3:21 pm
LCM	Negative			14-Nov-2013 3:14 pm
MPV	Negative			14-Nov-2013 3:22 pm
EDIM	Negative			15-Nov-2013 3:25 pm

Results were reviewed by PATTI.OSBORN on 18-Nov-2013 11:55 AM

Client Sample/Animal Designation: 18 **Species:** Peromyscus
Date Received: 13-Nov-2013 12:06 **Sample Collection Date:** 12-Nov-2013 **Collected By:** Not Provided

Serology (BioReliance Sample Id: 109003)

Test	Result Value	Normal Range	Units	Date/Time Resulted
PVM	Negative			14-Nov-2013 3:24 pm
Sendai	Negative			14-Nov-2013 3:27 pm
MHV	Negative			14-Nov-2013 3:18 pm
GDVII	Negative			14-Nov-2013 3:13 pm
MMV	Negative			14-Nov-2013 3:19 pm
Carb	Negative			14-Nov-2013 3:09 pm
Mpul	Negative			14-Nov-2013 3:21 pm
LCM	Negative			14-Nov-2013 3:14 pm
MPV	Negative			14-Nov-2013 3:22 pm
EDIM	Negative			14-Nov-2013 3:11 pm

Results were reviewed by PATTI.OSBORN on 18-Nov-2013 11:55 AM

Client Sample/Animal Designation: 19 **Species:** Peromyscus
Date Received: 13-Nov-2013 12:06 **Sample Collection Date:** 12-Nov-2013 **Collected By:** Not Provided

Serology (BioReliance Sample Id: 109004)

Test	Result Value	Normal Range	Units	Date/Time Resulted
PVM	Negative			14-Nov-2013 3:24 pm
Sendai	Negative			14-Nov-2013 3:27 pm
MHV	Negative			14-Nov-2013 3:18 pm
GDVII	Negative			14-Nov-2013 3:13 pm
MMV	Negative			14-Nov-2013 3:19 pm
Carb	Negative			14-Nov-2013 3:09 pm
Mpul	Negative			14-Nov-2013 3:21 pm
LCM	Negative			14-Nov-2013 3:14 pm
MPV	Negative			14-Nov-2013 3:22 pm
EDIM	Negative			14-Nov-2013 3:11 pm

Results were reviewed by PATTI.OSBORN on 18-Nov-2013 11:55 AM

Client Sample/Animal Designation: 2 **Species:** Peromyscus
Date Received: 13-Nov-2013 12:06 **Sample Collection Date:** 12-Nov-2013 **Collected By:** Not Provided

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Serology (BioReliance Sample Id: 108987)

Test	Result Value	Normal Range	Units	Date/Time Resulted
PVM	Negative			14-Nov-2013 3:25 pm
Sendai	Negative			14-Nov-2013 3:27 pm
MHV	Negative			14-Nov-2013 3:18 pm
GDVII	Negative			15-Nov-2013 3:26 pm
MMV	Negative			14-Nov-2013 3:19 pm
Carb	Negative			14-Nov-2013 3:09 pm
Mpul	Negative			14-Nov-2013 3:21 pm
LCM	Negative			14-Nov-2013 3:15 pm
MPV	Negative			14-Nov-2013 3:22 pm
EDIM	Negative			14-Nov-2013 3:12 pm

Results were reviewed by PATTI.OSBORN on 18-Nov-2013 11:55 AM

Client Sample/Animal Designation: 3 **Species:** Peromyscus
Date Received: 13-Nov-2013 12:06 **Sample Collection Date:** 12-Nov-2013 **Collected By:** Not Provided

Serology (BioReliance Sample Id: 108988)

Test	Result Value	Normal Range	Units	Date/Time Resulted
PVM	Negative			14-Nov-2013 3:25 pm
Sendai	Negative			14-Nov-2013 3:27 pm
MHV	Negative			14-Nov-2013 3:18 pm
GDVII	Negative			14-Nov-2013 3:13 pm
MMV	Negative			14-Nov-2013 3:19 pm
Carb	Negative			14-Nov-2013 3:09 pm
Mpul	Negative			14-Nov-2013 3:21 pm
LCM	Negative			14-Nov-2013 3:15 pm
MPV	Negative			14-Nov-2013 3:22 pm
EDIM	Negative			14-Nov-2013 3:12 pm

Results were reviewed by PATTI.OSBORN on 18-Nov-2013 11:55 AM

Client Sample/Animal Designation: 4 **Species:** Peromyscus
Date Received: 13-Nov-2013 12:06 **Sample Collection Date:** 12-Nov-2013 **Collected By:** Not Provided

Serology (BioReliance Sample Id: 108989)

Test	Result Value	Normal Range	Units	Date/Time Resulted
PVM	Negative			14-Nov-2013 3:25 pm
Sendai	Negative			14-Nov-2013 3:27 pm
MHV	Negative			14-Nov-2013 3:18 pm
GDVII	Negative			14-Nov-2013 3:13 pm
MMV	Negative			14-Nov-2013 3:19 pm
Carb	Negative			14-Nov-2013 3:09 pm
Mpul	Negative			14-Nov-2013 3:21 pm
LCM	Negative			14-Nov-2013 3:15 pm
MPV	Negative			14-Nov-2013 3:22 pm
EDIM	Negative			14-Nov-2013 3:12 pm

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Client Sample/Animal Designation: 5 **Species:** Peromyscus

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Accession No : HT-1311-0083 **Report Date:** 18-Nov-2013 **BREL Reference :**

Date Received: 13-Nov-2013 12:06 **Sample Collection Date:** 12-Nov-2013 **Collected By:** Not Provided

Serology (BioReliance Sample Id: 108990)

Test	Result Value	Normal Range	Units	Date/Time Resulted
PVM	Negative			14-Nov-2013 3:25 pm
Sendai	Negative			14-Nov-2013 3:27 pm
MHV	Negative			14-Nov-2013 3:18 pm
GDVII	Negative			15-Nov-2013 3:26 pm
MMV	Negative			14-Nov-2013 3:19 pm
Carb	Negative			14-Nov-2013 3:09 pm
Mpul	Negative			14-Nov-2013 3:21 pm
LCM	Negative			14-Nov-2013 3:15 pm
MPV	Negative			14-Nov-2013 3:22 pm
EDIM	Negative			14-Nov-2013 3:12 pm

Results were reviewed by PATTI.OSBORN on 18-Nov-2013 11:55 AM

Client Sample/Animal Designation: 6 **Species:** Peromyscus

Date Received: 13-Nov-2013 12:06 **Sample Collection Date:** 12-Nov-2013 **Collected By:** Not Provided

Serology (BioReliance Sample Id: 108991)

Test	Result Value	Normal Range	Units	Date/Time Resulted
PVM	Negative			14-Nov-2013 3:25 pm
Sendai	Negative			14-Nov-2013 3:27 pm
MHV	Negative			14-Nov-2013 3:18 pm
GDVII	Negative			15-Nov-2013 3:26 pm
MMV	Negative			14-Nov-2013 3:19 pm
Carb	Negative			14-Nov-2013 3:09 pm
Mpul	Negative			14-Nov-2013 3:21 pm
LCM	Negative			14-Nov-2013 3:15 pm
MPV	Negative			14-Nov-2013 3:22 pm
EDIM	Negative			14-Nov-2013 3:12 pm

Results were reviewed by PATTI.OSBORN on 18-Nov-2013 11:55 AM

Client Sample/Animal Designation: 7 **Species:** Peromyscus

Date Received: 13-Nov-2013 12:06 **Sample Collection Date:** 12-Nov-2013 **Collected By:** Not Provided

Serology (BioReliance Sample Id: 108992)

Test	Result Value	Normal Range	Units	Date/Time Resulted
PVM	Negative			14-Nov-2013 3:25 pm
Sendai	Negative			14-Nov-2013 3:27 pm
MHV	Negative			14-Nov-2013 3:18 pm
GDVII	Negative			15-Nov-2013 3:26 pm
MMV	Negative			14-Nov-2013 3:19 pm
Carb	Negative			14-Nov-2013 3:09 pm
Mpul	Negative			14-Nov-2013 3:21 pm
LCM	Negative			14-Nov-2013 3:15 pm
MPV	Negative			14-Nov-2013 3:22 pm
EDIM	Negative			14-Nov-2013 3:12 pm

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Client Sample/Animal Designation: 8 **Species:** Peromyscus

Date Received: 13-Nov-2013 12:06 **Sample Collection Date:** 12-Nov-2013 **Collected By:** Not Provided

Serology (BioReliance Sample Id: 108993)

Test	Result Value	Normal Range	Units	Date/Time Resulted
PVM	Negative			14-Nov-2013 3:25 pm
Sendai	Negative			14-Nov-2013 3:27 pm
MHV	Negative			15-Nov-2013 3:28 pm
GDVII	Negative			14-Nov-2013 3:13 pm
MMV	Negative			14-Nov-2013 3:19 pm
Carb	Negative			14-Nov-2013 3:09 pm
Mpul	Negative			14-Nov-2013 3:21 pm
LCM	Negative			14-Nov-2013 3:15 pm
MPV	Negative			14-Nov-2013 3:22 pm
EDIM	Negative			14-Nov-2013 3:12 pm

Results were reviewed by PATTI.OSBORN on 18-Nov-2013 11:55 AM

Client Sample/Animal Designation: 9 **Species:** Peromyscus

Date Received: 13-Nov-2013 12:06 **Sample Collection Date:** 12-Nov-2013 **Collected By:** Not Provided

Serology (BioReliance Sample Id: 108994)

Test	Result Value	Normal Range	Units	Date/Time Resulted
PVM	Negative			14-Nov-2013 3:25 pm
Sendai	Negative			15-Nov-2013 3:30 pm
MHV	Negative			14-Nov-2013 3:18 pm
GDVII	Negative			14-Nov-2013 3:13 pm
MMV	Negative			14-Nov-2013 3:19 pm
Carb	Negative			14-Nov-2013 3:09 pm
Mpul	Negative			14-Nov-2013 3:21 pm
LCM	Negative			14-Nov-2013 3:14 pm
MPV	Negative			14-Nov-2013 3:22 pm
EDIM	Negative			14-Nov-2013 3:12 pm

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