

Pamela Rudd

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Columbia, SC 29208 US

Received Date: 25-Jul-2013 11:18 am **PO # :** Rudd_7320_06-14
Accession No : HT-1307-0171 **Report Date:** 30-Jul-2013 **BREL Reference :**

The following sample(s) were submitted to BioReliance.

Peromyscus

ID: 1(Serum)	BioReliance Sample Id:	93659
ID: 10(Serum)	BioReliance Sample Id:	93668
ID: 11(Serum)	BioReliance Sample Id:	93669
ID: 12(Serum)	BioReliance Sample Id:	93670
ID: 13(Serum)	BioReliance Sample Id:	93671
ID: 14(Serum)	BioReliance Sample Id:	93672
ID: 15(Serum)	BioReliance Sample Id:	93673
ID: 16(Serum)	BioReliance Sample Id:	93674
ID: 17(Serum)	BioReliance Sample Id:	93675
ID: 18(Serum)	BioReliance Sample Id:	93676
ID: 19(Serum)	BioReliance Sample Id:	93677
ID: 2(Serum)	BioReliance Sample Id:	93660
ID: 3(Serum)	BioReliance Sample Id:	93661
ID: 4(Serum)	BioReliance Sample Id:	93662
ID: 5(Serum)	BioReliance Sample Id:	93663
ID: 6(Serum)	BioReliance Sample Id:	93664
ID: 7(Serum)	BioReliance Sample Id:	93665
ID: 8(Serum)	BioReliance Sample Id:	93666
ID: 9(Serum)	BioReliance Sample Id:	93667

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 25-Jul-2013 11:18 AM.

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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Accession No : HT-1307-0171 **Report Date:** 30-Jul-2013 **BREL Reference :**

Client Sample/Animal Designation: 1 **Species:** Peromyscus
Date Received: 25-Jul-2013 11:18 **Sample Collection Date:** 24-Jul-2013 **Collected By:** Not Provided

Serology (BioReliance Sample Id: 93659)

Test	Result Value	Normal Range	Units	Date/Time Resulted
PVM	Negative			26-Jul-2013 2:07 pm
Sendai	Negative			26-Jul-2013 2:09 pm
MHV	Negative			29-Jul-2013 2:15 pm
GDVII	Negative			26-Jul-2013 1:57 pm
MMV	Negative			26-Jul-2013 2:03 pm
Carb	Negative			26-Jul-2013 1:54 pm
Mpul	Negative			26-Jul-2013 2:04 pm
LCM	Negative			26-Jul-2013 1:58 pm
MPV	Negative			26-Jul-2013 2:05 pm
EDIM	Negative			26-Jul-2013 1:56 pm

Results were reviewed by PATTI.OSBORN on 30-Jul-2013 03:01 PM

Client Sample/Animal Designation: 10 **Species:** Peromyscus
Date Received: 25-Jul-2013 11:18 **Sample Collection Date:** 24-Jul-2013 **Collected By:** Not Provided

Serology (BioReliance Sample Id: 93668)

Test	Result Value	Normal Range	Units	Date/Time Resulted
PVM	Negative			26-Jul-2013 2:07 pm
Sendai	Negative			26-Jul-2013 2:09 pm
MHV	Negative			29-Jul-2013 2:15 pm
GDVII	Negative			26-Jul-2013 1:57 pm
MMV	Negative			29-Jul-2013 2:17 pm
Carb	Negative			26-Jul-2013 1:54 pm
Mpul	Negative			26-Jul-2013 2:04 pm
LCM	Negative			26-Jul-2013 1:58 pm
MPV	Negative			26-Jul-2013 2:05 pm
EDIM	Negative			26-Jul-2013 1:56 pm

Results were reviewed by PATTI.OSBORN on 30-Jul-2013 03:01 PM

Client Sample/Animal Designation: 11 **Species:** Peromyscus
Date Received: 25-Jul-2013 11:18 **Sample Collection Date:** 24-Jul-2013 **Collected By:** Not Provided

Serology (BioReliance Sample Id: 93669)

Test	Result Value	Normal Range	Units	Date/Time Resulted
PVM	Negative			26-Jul-2013 2:07 pm
Sendai	Negative			26-Jul-2013 2:09 pm
MHV	Negative			29-Jul-2013 2:15 pm
GDVII	Negative			26-Jul-2013 1:57 pm
MMV	Negative			26-Jul-2013 2:02 pm
Carb	Negative			26-Jul-2013 1:54 pm
Mpul	Negative			26-Jul-2013 2:04 pm
LCM	Negative			26-Jul-2013 1:58 pm
MPV	Negative			26-Jul-2013 2:05 pm

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PO # : Rudd_7320_06-14

Accession No : HT-1307-0171

Report Date: 30-Jul-2013

BREL Reference :

Serology (BioReliance Sample Id: 93669)

Test	Result Value	Normal Range	Units	Date/Time Resulted
EDIM	Negative			26-Jul-2013 1:56 pm

Results were reviewed by PATTI.OSBORN on 30-Jul-2013 03:01 PM

Client Sample/Animal Designation: 12

Species: Peromyscus

Date Received: 25-Jul-2013 11:18

Sample Collection Date: 24-Jul-2013

Collected By: Not Provided

Serology (BioReliance Sample Id: 93670)

Test	Result Value	Normal Range	Units	Date/Time Resulted
PVM	Negative			26-Jul-2013 2:07 pm
Sendai	Negative			26-Jul-2013 2:09 pm
MHV	Negative			29-Jul-2013 2:15 pm
GDVII	Negative			26-Jul-2013 1:57 pm
MMV	Negative			26-Jul-2013 2:02 pm
Carb	Negative			26-Jul-2013 1:54 pm
Mpul	Negative			26-Jul-2013 2:04 pm
LCM	Negative			26-Jul-2013 1:58 pm
MPV	Negative			26-Jul-2013 2:05 pm
EDIM	Negative			26-Jul-2013 1:56 pm

Results were reviewed by PATTI.OSBORN on 30-Jul-2013 03:01 PM

Client Sample/Animal Designation: 13

Species: Peromyscus

Date Received: 25-Jul-2013 11:18

Sample Collection Date: 24-Jul-2013

Collected By: Not Provided

Serology (BioReliance Sample Id: 93671)

Test	Result Value	Normal Range	Units	Date/Time Resulted
PVM	Negative			26-Jul-2013 2:07 pm
Sendai	Negative			26-Jul-2013 2:09 pm
MHV	Negative			29-Jul-2013 2:15 pm
GDVII	Negative			26-Jul-2013 1:57 pm
MMV	Negative			26-Jul-2013 2:02 pm
Carb	Negative			26-Jul-2013 1:54 pm
Mpul	Negative			26-Jul-2013 2:04 pm
LCM	Negative			26-Jul-2013 1:58 pm
MPV	Negative			26-Jul-2013 2:05 pm
EDIM	Negative			26-Jul-2013 1:56 pm

Results were reviewed by PATTI.OSBORN on 30-Jul-2013 03:01 PM

Client Sample/Animal Designation: 14

Species: Peromyscus

Date Received: 25-Jul-2013 11:18

Sample Collection Date: 24-Jul-2013

Collected By: Not Provided

Serology (BioReliance Sample Id: 93672)

Test	Result Value	Normal Range	Units	Date/Time Resulted
PVM	Negative			26-Jul-2013 2:07 pm
Sendai	Negative			26-Jul-2013 2:09 pm
MHV	Negative			29-Jul-2013 2:15 pm
GDVII	Negative			29-Jul-2013 2:10 pm
MMV	Negative			26-Jul-2013 2:02 pm

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BREL Reference :

Serology (BioReliance Sample Id: 93672)

Test	Result Value	Normal Range	Units	Date/Time Resulted
Carb	Negative			26-Jul-2013 1:54 pm
Mpul	Negative			26-Jul-2013 2:04 pm
LCM	Negative			26-Jul-2013 1:58 pm
MPV	Negative			26-Jul-2013 2:05 pm
EDIM	Negative			26-Jul-2013 1:56 pm

Results were reviewed by PATTI.OSBORN on 30-Jul-2013 03:01 PM

Client Sample/Animal Designation: 15

Species: Peromyscus

Date Received: 25-Jul-2013 11:18

Sample Collection Date: 24-Jul-2013

Collected By: Not Provided

Serology (BioReliance Sample Id: 93673)

Test	Result Value	Normal Range	Units	Date/Time Resulted
PVM	Negative			26-Jul-2013 2:07 pm
Sendai	Negative			26-Jul-2013 2:09 pm
MHV	Negative			29-Jul-2013 2:15 pm
GDVII	Negative			26-Jul-2013 1:57 pm
MMV	Negative			26-Jul-2013 2:02 pm
Carb	Negative			26-Jul-2013 1:54 pm
Mpul	Negative			26-Jul-2013 2:04 pm
LCM	Negative			26-Jul-2013 1:58 pm
MPV	Negative			26-Jul-2013 2:05 pm
EDIM	Negative			26-Jul-2013 1:56 pm

Results were reviewed by PATTI.OSBORN on 30-Jul-2013 03:01 PM

Client Sample/Animal Designation: 16

Species: Peromyscus

Date Received: 25-Jul-2013 11:18

Sample Collection Date: 24-Jul-2013

Collected By: Not Provided

Serology (BioReliance Sample Id: 93674)

Test	Result Value	Normal Range	Units	Date/Time Resulted
PVM	Negative			26-Jul-2013 2:07 pm
Sendai	Negative			26-Jul-2013 2:09 pm
MHV	Negative			29-Jul-2013 2:15 pm
GDVII	Negative			26-Jul-2013 1:57 pm
MMV	Negative			26-Jul-2013 2:02 pm
Carb	Negative			29-Jul-2013 2:07 pm
Mpul	Negative			26-Jul-2013 2:04 pm
LCM	Negative			26-Jul-2013 1:58 pm
MPV	Negative			26-Jul-2013 2:05 pm
EDIM	Negative			29-Jul-2013 2:09 pm

Results were reviewed by PATTI.OSBORN on 30-Jul-2013 03:01 PM

Client Sample/Animal Designation: 17

Species: Peromyscus

Date Received: 25-Jul-2013 11:18

Sample Collection Date: 24-Jul-2013

Collected By: Not Provided

Serology (BioReliance Sample Id: 93675)

Test	Result Value	Normal Range	Units	Date/Time Resulted
PVM	Negative			26-Jul-2013 2:07 pm

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Serology (BioReliance Sample Id: 93675)

Test	Result Value	Normal Range	Units	Date/Time Resulted
Sendai	Negative			26-Jul-2013 2:09 pm
MHV	Negative			29-Jul-2013 2:15 pm
GDVII	Negative			26-Jul-2013 1:57 pm
MMV	Negative			26-Jul-2013 2:02 pm
Carb	Negative			26-Jul-2013 1:54 pm
Mpul	Negative			26-Jul-2013 2:04 pm
LCM	Negative			26-Jul-2013 1:58 pm
MPV	Negative			26-Jul-2013 2:05 pm
EDIM	Negative			26-Jul-2013 1:56 pm

Results were reviewed by PATTI.OSBORN on 30-Jul-2013 03:01 PM

Client Sample/Animal Designation: 18 **Species:** Peromyscus
Date Received: 25-Jul-2013 11:18 **Sample Collection Date:** 24-Jul-2013 **Collected By:** Not Provided

Serology (BioReliance Sample Id: 93676)

Test	Result Value	Normal Range	Units	Date/Time Resulted
PVM	Negative			26-Jul-2013 2:07 pm
Sendai	Negative			26-Jul-2013 2:09 pm
MHV	Negative			26-Jul-2013 2:01 pm
GDVII	Negative			26-Jul-2013 1:57 pm
MMV	Negative			26-Jul-2013 2:02 pm
Carb	Negative			26-Jul-2013 1:54 pm
Mpul	Negative			26-Jul-2013 2:04 pm
LCM	Negative			26-Jul-2013 1:58 pm
MPV	Negative			26-Jul-2013 2:05 pm
EDIM	Negative			26-Jul-2013 1:56 pm

Results were reviewed by PATTI.OSBORN on 30-Jul-2013 03:01 PM

Client Sample/Animal Designation: 19 **Species:** Peromyscus
Date Received: 25-Jul-2013 11:18 **Sample Collection Date:** 24-Jul-2013 **Collected By:** Not Provided

Serology (BioReliance Sample Id: 93677)

Test	Result Value	Normal Range	Units	Date/Time Resulted
PVM	Negative			26-Jul-2013 2:07 pm
Sendai	Negative			26-Jul-2013 2:09 pm
MHV	Negative			26-Jul-2013 2:01 pm
GDVII	Negative			26-Jul-2013 1:57 pm
MMV	Negative			26-Jul-2013 2:02 pm
Carb	Negative			26-Jul-2013 1:54 pm
Mpul	Negative			26-Jul-2013 2:04 pm
LCM	Negative			26-Jul-2013 1:58 pm
MPV	Negative			26-Jul-2013 2:05 pm
EDIM	Negative			26-Jul-2013 1:56 pm

Results were reviewed by PATTI.OSBORN on 30-Jul-2013 03:01 PM

Client Sample/Animal Designation: 2 **Species:** Peromyscus
Date Received: 25-Jul-2013 11:18 **Sample Collection Date:** 24-Jul-2013 **Collected By:** Not Provided

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BREL Reference :

Serology (BioReliance Sample Id: 93660)

Test	Result Value	Normal Range	Units	Date/Time Resulted
PVM	Negative			26-Jul-2013 2:07 pm
Sendai	Negative			26-Jul-2013 2:09 pm
MHV	Negative			26-Jul-2013 2:01 pm
GDVII	Negative			26-Jul-2013 1:57 pm
MMV	Negative			26-Jul-2013 2:03 pm
Carb	Negative			26-Jul-2013 1:54 pm
Mpul	Negative			26-Jul-2013 2:04 pm
LCM	Negative			26-Jul-2013 1:58 pm
MPV	Negative			26-Jul-2013 2:05 pm
EDIM	Negative			26-Jul-2013 1:56 pm

Results were reviewed by PATTI.OSBORN on 30-Jul-2013 03:01 PM

Client Sample/Animal Designation: 3

Species: Peromyscus

Date Received: 25-Jul-2013 11:18

Sample Collection Date: 24-Jul-2013

Collected By: Not Provided

Serology (BioReliance Sample Id: 93661)

Test	Result Value	Normal Range	Units	Date/Time Resulted
PVM	Negative			26-Jul-2013 2:07 pm
Sendai	Negative			26-Jul-2013 2:09 pm
MHV	Negative			29-Jul-2013 2:15 pm
GDVII	Negative			26-Jul-2013 1:57 pm
MMV	Negative			26-Jul-2013 2:03 pm
Carb	Negative			26-Jul-2013 1:54 pm
Mpul	Negative			26-Jul-2013 2:04 pm
LCM	Negative			26-Jul-2013 1:58 pm
MPV	Negative			26-Jul-2013 2:05 pm
EDIM	Negative			26-Jul-2013 1:56 pm

Results were reviewed by PATTI.OSBORN on 30-Jul-2013 03:01 PM

Client Sample/Animal Designation: 4

Species: Peromyscus

Date Received: 25-Jul-2013 11:18

Sample Collection Date: 24-Jul-2013

Collected By: Not Provided

Serology (BioReliance Sample Id: 93662)

Test	Result Value	Normal Range	Units	Date/Time Resulted
PVM	Negative			26-Jul-2013 2:07 pm
Sendai	Negative			26-Jul-2013 2:09 pm
MHV	Negative			29-Jul-2013 2:15 pm
GDVII	Negative			26-Jul-2013 1:57 pm
MMV	Negative			26-Jul-2013 2:03 pm
Carb	Negative			26-Jul-2013 1:54 pm
Mpul	Negative			26-Jul-2013 2:04 pm
LCM	Negative			26-Jul-2013 1:58 pm
MPV	Negative			26-Jul-2013 2:05 pm
EDIM	Negative			26-Jul-2013 1:56 pm

Results were reviewed by PATTI.OSBORN on 30-Jul-2013 03:01 PM

Client Sample/Animal Designation: 5

Species: Peromyscus

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Accession No : HT-1307-0171 **Report Date:** 30-Jul-2013 **BREL Reference :**

Date Received: 25-Jul-2013 11:18 **Sample Collection Date:** 24-Jul-2013 **Collected By:** Not Provided

Serology (BioReliance Sample Id: 93663)

Test	Result Value	Normal Range	Units	Date/Time Resulted
PVM	Negative			26-Jul-2013 2:07 pm
Sendai	Negative			26-Jul-2013 2:09 pm
MHV	Negative			29-Jul-2013 2:15 pm
GDVII	Negative			26-Jul-2013 1:57 pm
MMV	Negative			29-Jul-2013 2:17 pm
Carb	Negative			26-Jul-2013 1:54 pm
Mpul	Negative			26-Jul-2013 2:04 pm
LCM	Negative			26-Jul-2013 1:58 pm
MPV	Negative			26-Jul-2013 2:05 pm
EDIM	Negative			26-Jul-2013 1:56 pm

Results were reviewed by PATTI.OSBORN on 30-Jul-2013 03:01 PM

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

Date Received: 25-Jul-2013 11:18 **Sample Collection Date:** 24-Jul-2013 **Collected By:** Not Provided

Serology (BioReliance Sample Id: 93664)

Test	Result Value	Normal Range	Units	Date/Time Resulted
PVM	Negative			26-Jul-2013 2:07 pm
Sendai	Negative			26-Jul-2013 2:09 pm
MHV	Negative			29-Jul-2013 2:15 pm
GDVII	Negative			26-Jul-2013 1:57 pm
MMV	Negative			26-Jul-2013 2:02 pm
Carb	Negative			26-Jul-2013 1:54 pm
Mpul	Negative			26-Jul-2013 2:04 pm
LCM	Negative			26-Jul-2013 1:58 pm
MPV	Negative			26-Jul-2013 2:05 pm
EDIM	Negative			26-Jul-2013 1:56 pm

Results were reviewed by PATTI.OSBORN on 30-Jul-2013 03:01 PM

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

Date Received: 25-Jul-2013 11:18 **Sample Collection Date:** 24-Jul-2013 **Collected By:** Not Provided

Serology (BioReliance Sample Id: 93665)

Test	Result Value	Normal Range	Units	Date/Time Resulted
PVM	Negative			26-Jul-2013 2:07 pm
Sendai	Negative			26-Jul-2013 2:09 pm
MHV	Negative			29-Jul-2013 2:15 pm
GDVII	Negative			26-Jul-2013 1:57 pm
MMV	Negative			26-Jul-2013 2:02 pm
Carb	Negative			26-Jul-2013 1:54 pm
Mpul	Negative			26-Jul-2013 2:04 pm
LCM	Negative			26-Jul-2013 1:58 pm
MPV	Negative			26-Jul-2013 2:05 pm
EDIM	Negative			26-Jul-2013 1:56 pm

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Client Sample/Animal Designation: 8 **Species:** Peromyscus
Date Received: 25-Jul-2013 11:18 **Sample Collection Date:** 24-Jul-2013 **Collected By:** Not Provided

Serology (BioReliance Sample Id: 93666)

Test	Result Value	Normal Range	Units	Date/Time Resulted
PVM	Negative			26-Jul-2013 2:07 pm
Sendai	Negative			26-Jul-2013 2:09 pm
MHV	Negative			29-Jul-2013 2:15 pm
GDVII	Negative			26-Jul-2013 1:57 pm
MMV	Negative			26-Jul-2013 2:02 pm
Carb	Negative			26-Jul-2013 1:54 pm
Mpul	Negative			26-Jul-2013 2:04 pm
LCM	Negative			26-Jul-2013 1:58 pm
MPV	Negative			26-Jul-2013 2:05 pm
EDIM	Negative			26-Jul-2013 1:56 pm

Results were reviewed by PATTI.OSBORN on 30-Jul-2013 03:01 PM

Client Sample/Animal Designation: 9 **Species:** Peromyscus
Date Received: 25-Jul-2013 11:18 **Sample Collection Date:** 24-Jul-2013 **Collected By:** Not Provided

Serology (BioReliance Sample Id: 93667)

Test	Result Value	Normal Range	Units	Date/Time Resulted
PVM	Negative			26-Jul-2013 2:07 pm
Sendai	Negative			26-Jul-2013 2:09 pm
MHV	Negative			29-Jul-2013 2:15 pm
GDVII	Negative			26-Jul-2013 1:57 pm
MMV	Negative			29-Jul-2013 2:17 pm
Carb	Negative			26-Jul-2013 1:54 pm
Mpul	Negative			26-Jul-2013 2:04 pm
LCM	Negative			26-Jul-2013 1:58 pm
MPV	Negative			26-Jul-2013 2:05 pm
EDIM	Negative			26-Jul-2013 1:56 pm

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