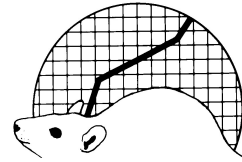


Hilltop Lab Animals, Inc.

Serving science for over 85 years



Viral Antibody Profile December 31, 2017

The following profiles are the result of extensive testing. Profiles include CVF[®] rats, mice and guinea pigs being supplied by Hilltop Lab Animals, Inc.

OUTBRED RATS

SD -- H1a[®]:(SD)CVF[®]
 Wistar – H1a[®](WI)CVF[®]
 Long Evans - H1a[®](LE)CVF[®]
 Spontaneously Hypertensive -
 H1a[®](SHR)CVF[®]

INBRED RATS

Fischer 344 -- F344/NH1a[®]CVF[®]
 Lewis -- LEW/H1a[®]CVF[®]

est	Results
CARB	NEG
Helico	NEG
KRV	NEG
LCM	NEG
<i>M.arth</i>	NEG
<i>M.pul</i>	NEG
Parvo	NEG
PVM	NEG
RCMV	NEG
RCV/SDA	NEG
Reo	NEG
Send	NEG

OUTBRED MICE

Swiss – H1a[®]:(ICR)CVF[®]

INBRED MICE

BALB/c – BALB/cH1a[®]CVF[®]
 C57BL/6[†] – C57BL/6NH1a[®]CVF[®]

HYBRID MICE

IRCF1 – IRCF1/H1a[®]CVF[®]

Test	Results
CARB	NEG
ECTRO	NEG
EDIM	NEG
Helico	NEG
LCM	NEG
M.Ad-1	NEG
M.Ad-2	NEG
MHV	NEG
MNV	NEG
MVM	NEG
<i>Mpul</i>	NEG
MPV1	NEG
MPV2	NEG
PVM	NEG
Poly	NEG
Reo	NEG
Send	NEG
TMEV	NEG

Hilltop Lab Animals, Inc.

131 Hilltop Drive • Scottdale, Pennsylvania 15683

(800) 245-6921 or (724) 887-8480 • FAX: (724) 887-3582 • www.HilltopLabs.com

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Viral Antibody Profile
(Including CARB and *Mpul.*)

December 31, 2017
Page 2

OUTBRED GUINEA PIGS
Hartley – Hla[®]:(HA)CVF[®]

Test	Results
LCM	NEG
PVM	NEG
Reo ²	NEG
Send	NEG
<i>Bordetella</i>	NEG

RCV/SDA Rat Coronavirus/
Sialodacryoadenitis Viruses
Reo Reovirus (Detects Reo 1, 2 & 3)
Send Sendai Virus
TMEV Theiler's Murine
Encephalomyelitis Virus

CVF[®] and Hla[®] are the registered trademarks of Hilltop Lab Animals, Inc., Scottsdale, Pennsylvania 15683.

¹ F344 rat and C57BL/6 mouse stock originated from Taconic Farms, Germantown, New York.

² Reo in Guinea Pigs (Mouse sentinels all test negative)

Description of test abbreviations:

CARB CAR Bacillus
Ectro Ectromelia Virus
EDIM Epizootic Diarrhea of Infant Mice
GP Adeno Guinea Pig Adenovirus
GDVII Theiler's Mouse
Encephalomyelitis Virus
Helico Helicobacter
KRV Kilham Rat Virus
LCM Lymphocytic Choriomeningitis
Virus
M.Ad-1 Mouse Adenovirus (M.Ad-1)
M.Ad-2 Mouse Adenovirus (M.Ad-2)
MCMV Murine Cytomegalovirus
MHV Mouse Hepatitis Virus
MNV Murine Norovirus
M.Arth *Mycoplasma arthritidis*
M.Pul *Mycoplasma pulmonis*
MPV1 Mouse Parvovirus Type 1
MPV2 Mouse Parvovirus Type 2
MVM Minute Virus of Mice
Parvo Parvovirus
PVM Pneumonia Virus of Mice
Poly Polyoma Virus
RCMV Rat Cytomegalovirus

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