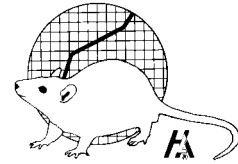


Hilltop Lab Animals, Inc.



Serving science for over 90 years

Viral Antibody Profile June 30, 2019

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[®]

Test	Results
CARB	NEG
Helico	NEG
KRV	NEG
LCM	NEG
<i>M.pul</i>	NEG
Parvo	NEG
PVM	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.

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

June 30, 2019
Page 2

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

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

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

<i>M.Pul</i>	<i>Mycoplasma pulmonis</i>
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
RCV/SDA	Rat Coronavirus/ Sialodacryoadenitis Viruses
Reo	Reovirus (Detects Reo 1, 2 & 3)
Send	Sendai Virus
TMEV	Theiler's Murine Encephalomyelitis Virus

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

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