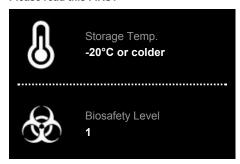


Product Sheet

Japanese encephalitis immune ascitic fluid [V-537-701-562] (ATCC[®] VR-1259AF[™])

Please read this FIRST



Intended Use

This product is intended for research use only. It is not intended for any animal or human therapeutic or diagnostic use.

Citation of Strain

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: Japanese encephalitis immune ascitic fluid [V-537-701-562] (ATCC® VR-1259AF $^{\text{TM}}$)

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Description

Original Source: Mouse hyperimmune ascitic fluid prepared against Japanese encephalitis virus strain

Nakayama

Depositor: California State Department of Health NOI-AI-80679



Batch-Specific Information

Refer to the Certificate of Analysis for batch-specific test results.



Propagation



Comments

NIAID # V-537-701-562

Reagent: Hyperimmune ascitic fluid

Immunogen

Group: B

Type: Japanese encephalitis

Strain: Nakayama

Classification: Flaviviridae, Flavivirus

Production Data Animal: Mouse

Animai: Mouse

Control ascitic fluid: NIAID # V-537-401-562

Immunizing antigen: Japanese encephalitis virus NIAID # V-537-001-522 without protein stabilizer

Adjuvant: Complete Freund's adjuvant

Ascites: Sarcoma 180/TG

Potency (homologous titer)

Neutralization index: Neutralization index of 10^{5.3} in suckling mice

Complement fixation: Titer of 1:256 with 2 units of complement incubated at 37°C for 30 minutes

Hemagglutination inhibition titer: 1:160

Purity (heterologous titer)

Other Viruses (TC culture/ TCID50 /Titer):

- 1:128 MVE
- 1:64 KUN, KOK, IT, NTA, DEN-3
- 1:32 ILH, BSQ, EH, ALF, BAN, TMU, USU
- 1:16 POT, DEN-4, BB, CR
- 1:8 SPO, UGS, WSL, YF, SAB, DB, KFD
- Negative at 1:8 with antigens 1-46, 48-56, 58-179, 181, DEN-1, STR, APOI, ENT, KAD, LGT, LI, NEG, TYU
- 1:320 YF
- 1:160 DEN-2, RB
- 1:80 DEN-3,
- 1:40 DEN-4, MOD
- 1:20 DEN-1, CR
- 1:10 SLE, RSSE, POW

Safety test: No adventitious agents detected

Mouse brain antibody: Positive at 1:4; negative at 1:8

Murine antibodies: Negative

Ampouled preparation

Content: Lyophilized mouse ascitic fluid

Volume: 1.0 mL

Date of last potency test: October, 1976



References

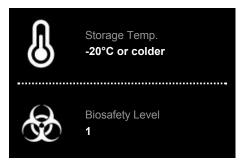
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Q

Key Abbreviations

AF: Ascitic fluid C: Centigrade mL: milliliter

Viruses:

MVE: Murray Valley encephalitis virus

KUN: Kunjin virus KOK: Kokoberavirus

IT: Israel turkey meningoencephalomyelitis virus

NTA: Ntayavirus

DEN-3: Dengue virus type 3

ILH: Ilheus virus

BSQ: Bussuquara virus EH: Edge Hill virus

ALF: Alfuy virus BAN: Banzi virus TMU: Tembusuvirus USU: Usutu virus POT: Potiskum virus

DEN-4: Dengue virus type 4
BB: Berkeley bee virus
CR: Cowbone Ridge virus
SPO: Spondwenivirus
UGS: Uganda S virus
WSL: Wesselsbron virus
YF: Yellow fever virus
SAB: Saboya virus
DB: Dakar bat virus

KFD: Kyasanur Forest disease virus

DEN-1: Dengue virus type 1

APOI: Apoi virus
ENT: Entebbe bat virus
KAD: Kadam virus
LGT: Langat virus
LI: Louping ill virus
NEG: Negishi virus
TYU: Tyuleniy virus

STR: Stratford virus

DEN-2: Dengue virus type 2 SLE: St. Louis encephalitis virus

RSSE: Russian spring-summer encephalitis virus

POW: Powassan virus



Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the *Biosafety in Microbiological and Biomedical Laboratories* from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

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Disclaimers

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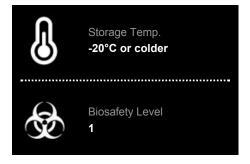
While ATCC uses reasonable efforts to include accurate and up-to-date information on this product



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