ATCC

Product Sheet

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

Please read this FIRST

Storage Temp.
-20°C or colder

Biosafety Level
1

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™)

American Type Culture Collection
PO Box 1549
Manassas, VA 20108 USA
www.atcc.org

800.638.6597 or 703.365.2700
Fax: 703.365.2750
Email: Tech@atcc.org

Or contact your local distributor

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.

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
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/ $TCID_{50}$ /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

References and other information relating to this product are available online at www.atcc.org.

Key Abbreviations

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

ATCC Warranty

The viability of ATCC® products is warranted for 30 days from the date of shipment, and is valid only if the product is stored and cultured according to the information included on this product information sheet. ATCC lists the media formulation that has been found to be effective for this strain. While other, unspecified media may also produce satisfactory results, a change in media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this strain. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

Disclaimers

This product is intended for laboratory research purposes only. It is not intended for use in humans.
While ATCC uses reasonable efforts to include accurate and up-to-date information on this product sheet, ATCC makes no warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. ATCC does not warrant that such information has been confirmed to be accurate.

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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at www.atcc.org

Additional information on this culture is available on the ATCC web site at www.atcc.org.

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