




## Product Sheet


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

### Please read this FIRST



Storage Temp.  
**-20°C or colder**

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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](http://www.atcc.org)

800.638.6597 or 703.365.2700  
Fax: 703.365.2750  
Email: [Tech@atcc.org](mailto:Tech@atcc.org)

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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

**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<sup>5.3</sup> 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<sub>50</sub> /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](http://www.atcc.org).



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## 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: Ntaya virus  
DEN-3: Dengue virus type 3  
ILH: Ilheus virus  
BSQ: Bussuquara virus  
EH: Edge Hill virus  
ALF: Alfuy virus  
BAN: Banzi virus  
TMU: Tembusu virus  
USU: Usutu virus  
POT: Potiskum virus  
DEN-4: Dengue virus type 4  
BB: Berkeley bee virus  
CR: Cowbone Ridge virus  
SPO: Spondweni virus  
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: Tyulenyi 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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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](http://www.atcc.org)

Additional information on this culture is available on the ATCC web site at [www.atcc.org](http://www.atcc.org).

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