



## Product Sheet

# Ross River virus immune ascitic fluid [V-559-701-562] (ATCC® VR-1246AF™)

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: Ross River virus immune ascitic fluid [V-559-701-562] (ATCC® VR-1246AF™)

American Type Culture Collection  
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### Description

**Classification:** *Togaviridae, Alphavirus*

**Original Source:** Mouse hyperimmune ascitic fluid prepared against Ross River virus strain T-48

### Batch-Specific Information

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

### Propagation

### Comments

NIAID # V-559-701-562

#### Reagent

Hyperimmune ascitic fluid

#### Immunogen

**Name:** Ross River virus

**Strain:** T-48 (ATCC® VR-373™)

**Classification:** *Togaviridae, Alphavirus*

#### Production Data

**Animal:** Mouse

**Preimmunization serum:** NIAID V-560-401-562

**Preimmunization titers:** No data

**Immunizing antigen:** NIAID # V-559-001-522 (ATCC® VR-373™) without protein stabilizer

**Adjuvant:** Complete Freund's adjuvant

#### Potency (homologous titer)

**Neutralization titer:** Titer of >10<sup>4</sup> in suckling mice

**Complement fixation test:** Titer of 64/16 with 2 units of complement for 30 minutes at 37°C

**Hemagglutination inhibition titer:** >1:640

#### Purity (heterologous titer)

**Other viruses (Virus/Test/Titer):**

**CF titer <4:** CHIK, AURA, BEB, EEE, GET, WEE(HJ), MAY, MID, MUC, NDU, ONN, PIX, SF, Y-62-33, SIN, UNA, VEE, WEE, WHA HI titer 1:40: SF, MID; HI titer 1:10: GET, SIN, VEE; HI titer <1:10: CHIK, EEE, AURA, ONN, MAY, MUC, NDU, PIX, UNA, WEE

**Safety test:** No adventitious agents detected

**Mouse brain antibody:** Negative at 1:4

**Murine antibodies:** 1:640 against minute virus of mice (MVM)

#### Ampouled preparation

**Content:** Lyophilized mouse ascitic fluid

**Volume:** 1.0 mL

**Date of last potency test:** November, 1972

**Storage Temperature:** -20°C or colder

**Original Preparation Contributed By:** NIAID

#### Producers and contracts

Lederle Laboratories, NIH-69-2170 contract

#### Reference

Doherty, R. L., et al, Australian J. Sci., 1963, 26:183.

### References

References and other information relating to this product are available online at [www.atcc.org](http://www.atcc.org).


### Key Abbreviations



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C, Centigrade  
CF, complement fixation  
HI, hemagglutination inhibition  
mL, milliliter  
NIAID, National Institute of Allergies and Infectious Diseases  
AURA, Aura virus  
BEB, Bebaru virus  
CHIK, Chikungunya virus  
EEE, Eastern equine encephalitis virus  
GET, Getah virus  
MAY, Mayaro virus  
MID, Middelburg virus  
MUC, Mucambo virus  
NDU, Ndumu virus  
ONN, ONyong-nyong virus  
PIX, Pixuna virus  
SF, SemLiki Forest virus  
Y-62-33,  
SIN, Sindbis virus  
UNA, Una virus  
VEE, Venezuelan equine encephalitis virus  
WEE, Western equine encephalitis virus  
WEE(HJ), Western equine encephalitis virus (HJ, Highlands J)  
WHA, Whataroa 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.

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