ATCC

Product Sheet

Anopheles A virus (ATCC® VR-327™)

Please read this FIRST

Storage Temp.
-60°C

Biosafety Level
2

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: Anopheles A virus (ATCC® VR-327™)

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

Strain: Original
Classification: Bunyaviridae, Orthobunyavirus
Common Name: Anopheles A virus
Original Source:
Colombia
Isolation date: 1940
Depositor: EL Buescher

Batch-Specific Information

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

Propagation

Propagation Host:
suckling mouse, i.c. inoculation
suckling mouse, i.x., s.c. or i.n. inoculation; mouse, i.c. or i.n. inoculation; chicken embryo, 7 day; mouse embryo cells in tissue culture

Effect on Host:
Paralysis in weanlings
Ruffled fur, hunched position, hypersensitivity

Growth Conditions
Incubation: 3-4 days (suckling M), 4-5 days (weanling M)

Comments

Passages in mice should be made with concentrated viral suspensions. Serial passage can be made only by i.c. inoculation of brain tissue. The virus localizes and multiplies in the brain and spinal cord. Virus inoculated i.n. produces pulmonary congestion and virus is demonstrable in the lungs. Inoculation (s.c.) of Mk, Rab, opossum or pigeon produces no clinical disease and little or no antibody formation. The virus is a good antigen and elicits CF and neutralizing antibodies in the mouse. It is more stable in lyophilized or wet-frozen state than in 50% glycerol. Inactivated at 55°C, 30 minutes but not at 45°C.

References

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

Key Abbreviations

CE, chicken embryo
CF, complement fixation
i.c., intracerebral
i.n., intranasal
LD[50], median lethal dose
M, mouse
ME, mouse embryo
Mk, monkey
PHS, Public Health Service
Rab, rabbit
s.c., subcutaneous
sM, suckling mouse
TC, tissue culture
USDA, United States Department of Agriculture

Biosafety Level: 2

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

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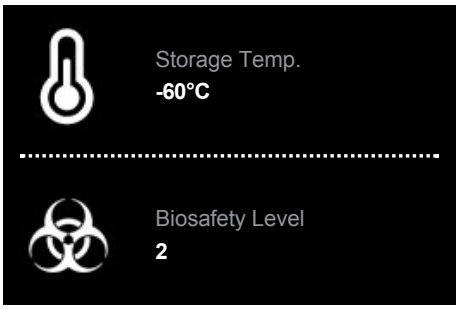

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for Health.

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.
This product is sent with the condition that you are responsible for its safe storage, handling, and use. ATCC is not liable for any damages or injuries arising from receipt and/or use of this product. While reasonable effort is made to ensure authenticity and reliability of strains on deposit, ATCC is not liable for damages arising from the misidentification or misrepresentation of cultures.

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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