Zika virus (ATCC® VR-84™)

Please read this FIRST

Storage Temp. -70°C or colder

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: Zika virus (ATCC® VR-84™)

Description

Strain: MR 766 (Original)
Classification: Flaviviridae, Flavivirus
Original Source: Blood from experimental forest sentinel rhesus monkey, Uganda, 1947
Depositor: J. Casals, Rockefeller Foundation

Batch-Specific Information

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

Propagation

Propagation Host: Suckling mouse
Effect on Host: Paralysis and death

Growth Conditions

Recommendations for Infection: Inoculate intracerebrally into suckling mice. Resuspend 20% sMb with 7.5% BSA in PBS.
Incubation: 5-7 days

Comments

The depositor reports that ATCC® VR-84™ can agglutinate goose and chicken RBC, and that this strain is non-pathogenic for hamster, guinea pig, or rabbit. Further, the depositor reports that this strain can be inactivated by ether and sodium deoxycholate. Originally deposited as Zika virus (Arbovirus; Group B), Strain: MR766.

References

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

Key Abbreviations

°C, degrees Celsius
BSA, Bovine serum albumin
PBS, Phosphate buffered saline
RBC, Red blood cell
sMb, sucking mouse brain

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 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

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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 website at www.atcc.org

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

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