



Zika virus

VR-84™

Description

Strain designation: MR 766 (Original)

Common name: Zika virus

Deposited As: Zika virus

Type strain: No

Storage Conditions

Product format: Frozen

Storage conditions: -70°C or colder

Intended Use

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.



BSL 2

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of Biosafety in Microbiological and Biomedical Laboratories (BMBL), U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

ATCC highly recommends that appropriate personal protective equipment is

always used when handling vials. For cultures that require storage in liquid nitrogen, it is important to note that some vials may leak when submersed in liquid nitrogen and will slowly fill with liquid nitrogen. Upon thawing, the conversion of the liquid nitrogen back to its gas phase may result in the vial exploding or blowing off its cap with dangerous force creating flying debris. Unless necessary, ATCC recommends that these cultures be stored in the vapor phase of liquid nitrogen rather than submersed in liquid nitrogen.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Growth Conditions

Host: suckling mouse

Effects: death of host animal; paralysis

Recommendations for infection: Inoculate intracerebrally into suckling mice.

Resuspend 20% sMb with 7.5% BSA in PBS.

Incubation: 5-7 days

Handling Procedures

Mycoplasma contamination: Not detected

Notes

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.

Key Abbreviations: °C, Degrees Celsius; BSA, Bovine serum albumin; PBS, Phosphate-buffered saline; RBC, Red blood cell; SMb, Suckling mouse brain

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Zika virus (ATCC VR-84)

References

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

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Revision

This information on this document was last updated on 2021-09-25

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