



Mayaro virus

VR-66™

Description

Strain designation: Tr 4675

Deposited As: Mayaro

Storage Conditions

Product format: Freeze-dried

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, i.c. inoculation; Newborn mouse, i.c. inoculation; Chicken embryo, i.a. or yolk sac\

Effects: death of host animal

Incubation: 2-5 days

Handling Procedures

Mycoplasma contamination: Not detected

Notes

Brain extracts agglutinate chicken RBC. Mayaro and SemLiki Forest viruses are closely related but can be distinguished by HA and CF tests; an immune serum for either will neutralize the other in neutralization tests in mice (Casals, J. et al., Am. J. Trop. Med. Hyg. 6: 1004, 1957). Not pathogenic for adult mice.

Key Abbreviations: BPA, Bovine plasma albumin; CE, Chicken embryo; CF, Complement fixation; Ha, Hamster; i.am., Intraamniotic; i.c., Intracerebral; Mb, Mouse brain; nbM, Newborn mouse; PHS, Public Health Services; SM, Suckling mouse; USDA, United States Department of Agriculture; y.s., Yolk sac

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Mayaro virus (ATCC VR-66)

References

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

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