Strain: MR 766
Classification: Flaviviridae, Flavivirus
Original Source: Blood of a rhesus monkey which became infected while stationed as a sentinel in forest near Entebbe, Uganda, 1947
Depositor: J Casals, The Rockefeller Foundation, ATCC

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

Propagation

Propagation Host:
Vero cells (ATCC® CCL-81™)
Effect on Host: CPE, refractile rounding and sloughing

Medium:
DMEM (ATCC® 30-2002™) + 5% FBS (ATCC® 30-2020™)

Growth Conditions
Temperature: 37°C

Recommendations for Infection: Plate cells 18-24 hours prior to infection and infect when cultures are 60-80% confluent. Remove medium and inoculate with a small volume of virus (e.g. 1 mL per 25 cm²) diluted to provide an optimal MOI (e.g. 0.1). Adsorb 1-2 hours at 37°C in a humidified 5% CO₂ atmosphere. End adsorption by adding virus growth medium.
Incubation: 4-7 days at 37°C in a humidified 5% CO₂ atmosphere, until CPE is progressed through 80% of the monolayer.

ATCC® VR-1838PQ™ is a high-titer, live virus suspended in culture medium. This product was prepared from ATCC® VR-1838™ via concentration by centrifugal filtration.

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

Key Abbreviations

°C, degrees Celsius
CO₂, Carbon dioxide
CPE, cytopathic effects
DMEM, Dulbecco’s Minimum Essential Media
FBS, fetal bovine serum
MOI, multiplicity of infection

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.

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