Strain: F
Classification: Herpesviridae, Simplexvirus
Common Name: Herpes simplex virus 1
Original Source: Facial vesicle
Depositor: B Roizman, Institut Merieux

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

Propagation Host:
HEp-2 (ATCC® CCL-23™)

Effect on Host:
CPE, refractile rounding and cell clumping

Medium:
EMEM (ATCC® 30-2003™) + 2% FBS (ATCC® 30-2020™)

Growth Conditions
Temperature: 34°C

Recommendations for Infection:
Plate cells 24 hours prior to infection and infect when cultures are 80-90% 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 34°C in a humidified 5% CO₂ atmosphere while rocking continuously. End adsorption by adding virus growth medium.

Incubation: 1-3 days

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

Key Abbreviations
°C, degrees Celsius
CO₂ (CO₂), carbon dioxide
CPE, cytopathic effect
EMEM, Eagle’s Minimum Essential Medium
FBS, fetal bovine serum
MOI, multiplicity of infection

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.

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