Human herpesvirus 1

VR-733™

Description

Human herpesvirus 1 strain F is propagated in HEp-2 cells (ATCC CCL-23). This strain was isolated from the facial vesicle of a human patient and has applications in susceptibility testing and virucide testing.

Strain designation: F

Common name: Herpes simplex virus 1 (HSV-1)

Deposited As: Herpes simplex virus 1

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Patent number:

4,760,079

Technical information: ATCC Product Experience does not have technical information on patent deposits that are not produced or characterized by ATCC. Additional information can be found in the corresponding patent available from the patent holder or with the U.S. and/or international patent office.

Storage Conditions

Storage conditions: -70°C or colder

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diagnostic use.

BSL 2

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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: HEp-2 (ATCC CCL-23)

Effects: cell clustering; cell rounding; CPE
Complete medium:
EMEM (ATCC 30-2003) + 2% FBS (ATCC 30-2020)
Temperature: 34°C
Atmosphere: 95% Air, 5% CO_2
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 cm^2) diluted to provide an optimal MOI (e.g. 0.1). Adsorb 1-2 hours at 34°C in a humidified 5% CO_2 atmosphere while rocking continuously. End adsorption by adding virus growth medium.
Incubation: 1-3 days

Handling Procedures

Mycoplasma contamination: Not detected

Notes

Key Abbreviations: °C, Degrees Celsius; CO_2, Carbon dioxide; CPE, Cytopathic effect; EMEM, Eagle's Minimum Essential Medium; FBS, Fetal bovine serum; MOI, Multiplicity of infection

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Human herpesvirus 1 (ATCC VR-733)

References

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

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