



Human herpesvirus 6B

VR-1480™

Description

Human herpesvirus 6B strain SF is propagated in human peripheral blood mononuclear cells. This strain was isolated from the saliva from an HIV-infected patient in San Francisco, California, and was deposited by the University of California School of Medicine. Use this strain in your infectious disease research.

Strain designation: SF

Deposited As: Human herpesvirus 6

Storage Conditions

Product format: Frozen

Storage conditions: Vapor phase of liquid nitrogen

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: Human peripheral blood mononuclear cells

Effects: CPE; cell degeneration; cell enlargement

Complete medium:

RPMI 1640 (ATCC 30-2001) + 20% FBS (ATCC 30-2020) + 5% Human IL-2 + 50 µg/mL gentamicin

Temperature: 37°C

Atmosphere: 95% Air, 5% CO₂

Recommendations for infection: This product is produced by co-cultivation of virus with fresh host cells. Prepare a bulk cell suspension the day of inoculation. Seed culture vessels at 5×10^5 cells per mL. Calculate the volume of virus needed to achieve an optimal MOI (e.g. 0.1) and then dilute virus in virus growth medium to prepare the virus inoculum. Add virus inoculum to culture vessels. Incubate at 37°C in a humidified 5% CO₂ atmosphere.

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Product Sheet

Incubation: 7-9 days

Handling Procedures

Mycoplasma contamination: Not detected

Notes

Key Abbreviations: °C, Degrees Celsius; CO₂, Carbon dioxide; CPE, Cytopathic effect; IL-2, Interleukin-2; 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 6B (ATCC VR-1480)

References

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

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