



Human gammaherpesvirus 4 (HHV-4)

VR-1492™

Description

Human gammaherpesvirus 4 (HHV-4) strain B95-8 was isolated from human lymphoblastoid cell line (883L) derived from a patient with transfusion-induced infectious mononucleosis.

Strain designation: B95-8

Common name: Epstein-Barr virus

Deposited As: Epstein-Barr virus

Shipping information: 5 x 1.0 mL vials

Storage Conditions

Product format: Frozen

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: B95-8 cells

Effects: CPE; cell transformation (cone-shaped cells, cells with spike-like projections, and small clusters of healthy cells)

Complete medium:

RPMI 1640 (ATCC 30-2001) + 10% FBS (ATCC 30-2020)

Temperature: 37°C

Atmosphere: 95% Air, 5% CO₂

Recommendations for infection: Incubate in a humidified 5% CO₂ atmosphere until indicators of successful transformation appear. Incubation: 10-25 days

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Incubation: 10-25 days

Handling Procedures

Mycoplasma contamination: Not detected

Notes

Key Abbreviations: °C, Degrees Celsius; CO₂, Carbon dioxide; CPE, Cytopathic effect; EBV, Epstein-Barr virus; FBS, Fetal bovine serum

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Human gammaherpesvirus 4 (HHV-4) (ATCC VR-1492)

References

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

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Revision

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