



Human gammaherpesvirus 4, High titer

VR-1492PQ™

Description

Human gammaherpesvirus 4 (HHV-4) strain B95-8 was isolated from a human lymphoblastoid cell line (883L) derived from a patient with transfusion-induced infectious mononucleosis. Explore the use of this purified virus in assay development, antiviral studies, vaccine development, and a variety of other applications.

Strain designation: B95-8

Deposited As: Epstein-Barr virus

Shipping information:

Titer and genome copy number reported on Certificate of Analysis

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:

IMDM (ATCC 30-2005) + 10% FBS (ATCC 30-2020)

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Product Sheet

Notes

ATCC VR-1492PQ is a high-titer, purified, live virus suspended in 10 mM Tris-HCL (pH 7.5) with 135 mM NaCl, 0.5% BSA, and 5% Trehalose. This product was prepared from ATCC VR-1492 via purification by tangential filtration.

This EBV preparation is capable of transforming B-lymphocytes from a preparation of normal human lymphocytes when co-cultivated with a feed layer culture (such as ATCC 55-X).

Quality control testing is done by transformation assay instead of TCID₅₀.

Key Abbreviations: °C, Degrees Celsius; CO₂, Carbon dioxide; CPE, Cytopathic effect; EBV, Epstein-Barr virus; IMDM, Iscoves Modified Dulbecco's Medium; 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, High titer (ATCC VR-1492PQ)

References

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

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Contact Information

ATCC

10801 University Boulevard

Manassas, VA 20110-2209

USA

US telephone: 800-638-6597

Worldwide telephone: +1-703-365-2700

Email: tech@atcc.org or contact your local distributor
