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HHV-6A (GS Strain) Purified Viral Lysate

Catalog Number: 10-241-500

Lot Number: D0806

Product Description: Human Herpesvirus 6 species A (GS strain) purified virus lysed with Triton X-100.

Cell Line for Propagation: HSB-2 Cells

Unit Size: 0.5 mg

Fill Volume: 785 μ L

Suspending Buffer: 10 mM Tris, 150 mM NaCl, 1 mM EDTA, pH 7.5 with 50 μ g/mL gentamicin and 0.5% Triton X-100

QUALITY CONTROL DATA

Sterility Tests: Bacteria, yeast, and fungi were not detected (USP-NF). Mycoplasma was not detected by MycoAlert™ Mycoplasma Detection Kit (Lonza, LT07).

Protein Concentration: 0.7 mg/mL determined by Pierce BCA protein assay using BSA standard. Alternative methods for determining protein concentration may give different values.

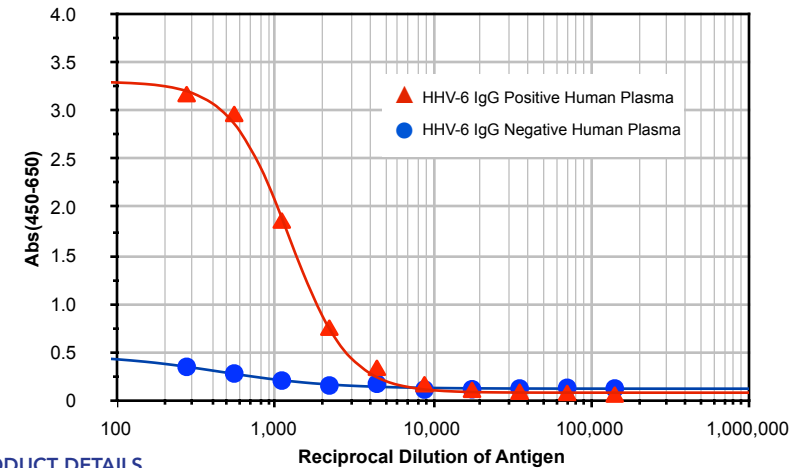
Virus Particle Count (VPC) by TEM: 3.3×10^9 vp/mL (active virus prior to lysis)

Validation of Inactivation: This lot of viral lysate has not been specifically tested for inactivation. However, the method used in the preparation of this viral lysate has been proven to consistently and completely inactivate high titer herpesviruses. This has been demonstrated at ABI using various cell culture infectivity assays.

Western Blot Testing: Reactive in Western Blot using HHV-6A MAb to p41/38 (ABI Cat. No. 13-138-100) and non-reactive to HHV-6B MAb to p101.

ELISA Testing: 2,801 units*/mL using HHV-6 IgG Positive Human Plasma.
0 units*/mL using HHV-6 IgG Negative Human Plasma.
*A unit is defined as the reciprocal dilution that gives an absorbance of 0.500 in our test system.

ELISA Reactivity of HHV-6A (GS Strain) Purified Viral Lysate Lot No. D0806 with HHV-6 IgG Positive Human Plasma (1:20) and HHV-6 IgG Negative Human Plasma



PRODUCT DETAILS

Shipping and Storage: This product is shipped frozen on dry ice. **Store at -70°C upon receipt.** Avoid multiple freeze-thaw cycles as products degradation may result.

Recommendations: Upon thawing, if any precipitate of proteinaceous material is observed, pulse vortex until the precipitate is completely resuspended. Use immediately following resuspension.

Safe Handling Recommendation: This inactivated biological preparation should be handled in accordance with biosafety guidelines defined in the BMBL, NIH-CDC HHS Publication No. (CDC) 21-1112.

References: 1. Gupta, S., et al. Differential effect of human herpesvirus 6A on cell division and apoptosis among naive and central and effector memory CD4+ and CD8+ T-cell subsets. Journal of Virology 2009; 83: 5442-5450.

This product is for research use only.
Not for use in diagnostic procedures.


Quality Control

07-13-2015
Date

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CERTIFICATE OF ANALYSIS