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HSV-2 (G Strain) Purified Viral Lysate

Catalog Number: 10-146-000

Lot Number: 6F0021-VL

Product Description: Herpes Simplex Virus type 2 (G strain) purified virus lysed with Triton X-100.

Cell Line for Propagation: Vero Cells

Unit Size: 1.0 mg

Fill Volume: 1.0 ml

Suspending Buffer: 10 mM Tris, 150 mM NaCl, 1 mM EDTA, pH 7.5 with 0.5% Triton X-100

QUALITY CONTROL DATA

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

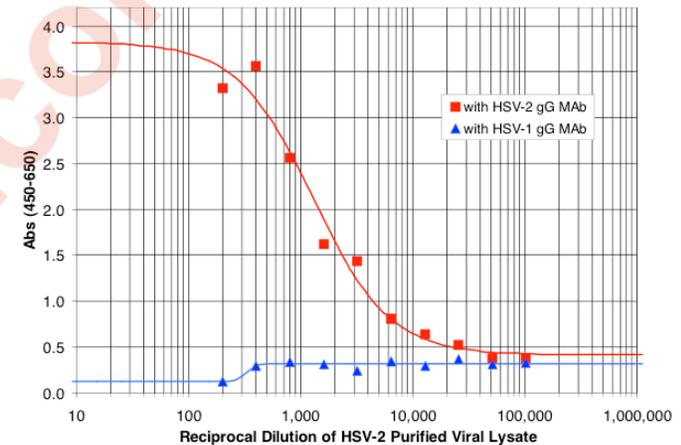
Protein Concentration: 1.0 mg/ml determined by Pierce BCA protein assay using BSA standard. Alternative methods for determining protein concentration may give different values.

Virus Particle Count (VPC) by TEM: 5.7×10^9 vp/ml (active virus, prior to lysis)

Validation of Inactivation: This lot of viral lysate has been specifically tested for residual infectivity and no infectious virus was detected. The lysate was titrated in Vero cells over a 7-day period with endpoint determination by cytopathic effect (CPE). Purified virus of the same viral stock and mock-infected Vero cells were included as positive and negative controls, respectively, for the assay. The positive control yielded an infectivity titer of $10^{8.17}$ TCID₅₀/ml.

ELISA Testing: 22,864 units*/ml using HSV-2 gG MAb.
0 units*/ml using HSV-1 gG MAb.
*A unit is defined as the reciprocal dilution that gives an absorbance of 0.500 in our test system.

ELISA Reactivity of HSV-2G Viral Lysate Lot.6F0021-VL with HSV-2 gG and HSV-1 gG MAbs



Western Blot Testing: Reactive in Western Blot using HSV-2 gG MAb and non-reactive using HSV-1 gG MAb.

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 product 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. 93-8395.

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

Quality Control

10/02/2006

Date