

HIV-2 (NIH-Z Strain) Purified Viral Lysate

Catalog Number: 10-128-000

Lot Number: 5B0021-VL

Product Description: Human Immunodeficiency Virus type 2 (NIH-Z strain) purified virus lysed with Triton X-100.

Cell Line for Propagation: Hut 78 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 and 1% Triton X-100

QUALITY CONTROL DATA

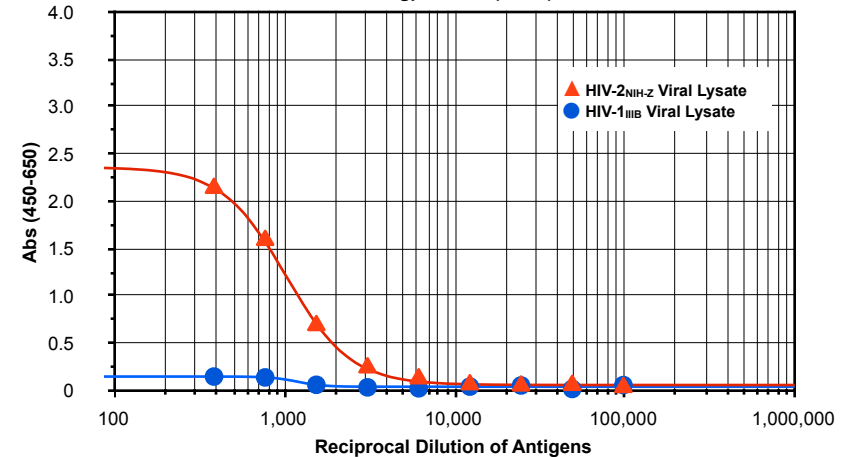
Protein Concentration: 1.2 mg/mL determined by Pierce BCA protein assay using BSA standard. Alternative methods for determining protein concentration may give different values.

Virus Particle Count (VPC)
by TEM: 7.2×10^{10} 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 Hut 78 cells over a 28-day period with endpoint determination by cytopathic effect (CPE) and SIV p27 antigen capture ELISA. Purified Virus of the same viral stock and mock-infected HuT 78 cells were included as positive and negative controls, respectively, for the assay. The positive control yielded an infectivity titer of $10^{6.0}$ TCID₅₀/mL.

ELISA Testing: 1,908 units*/mL using HIV-2 Viral Lysate.
0 units*/mL using HIV-1 Viral Lysate.
*A unit is defined as the reciprocal dilution that gives an absorbance of 0.5000 in our test system. (See below).

ELISA Reactivity of HIV-2 (NIH-Z Strain) Purified Viral Lysate Lot No. 5B0021-VL with HIV-2 gp36 Mab (1:500)



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.

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