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HTLV-I (MT-2 Strain) Purified Viral Lysate

Catalog Number: 10-113-000

Lot Number: 8K0002-VL

Product Description: Human T-Cell Lymphotropic Virus type I (MT-2 strain) purified virus lysed with Triton X-100.

Cell Line for Propagation: MT-2 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 1% 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).

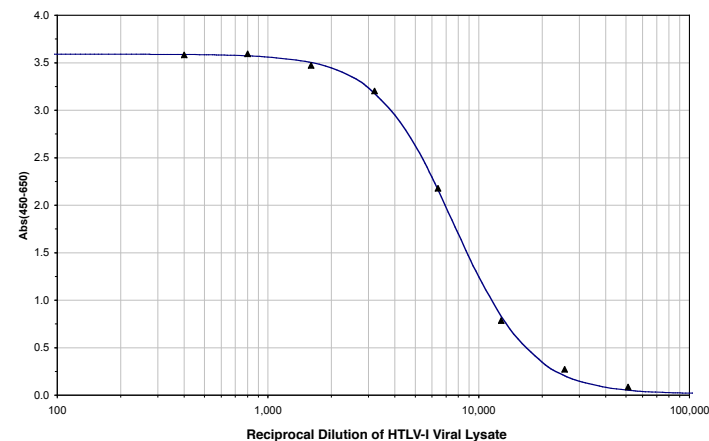
Protein Concentration: 1.0 mg/mL determined by Pierce BCA protein assay using BSA standard. Alternative methods for determining protein concentration may give different values.

Virus Particle Count (VPC)
by TEM: 3.2×10^{11} 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 retroviruses. This has been demonstrated at ABI using various cell culture infectivity assays.

ELISA Testing: 16,665 units*/ml using HTLV-I p24 MAb.
*A unit is defined as the reciprocal dilution of the purified antigen that gives an absorbance of 0.500 in our test system.

ELISA Reactivity of HTLV-I Viral Lysate, Lot No. 8K0002-VL with anti-HTLV-I p24 MAb (1:200)



Western Blot Testing: Reactive in Western blot using HTLV-I p24 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 (CDC) 21-1112.

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

Quality Control

07-15-2015

Date

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CERTIFICATE OF ANALYSIS