

HIV-1 (IIIB Strain) Inactivated HuT 78 Cell Extract

Catalog Number: 10-534-025

Lot Number: C0907

Product Description: Human Immunodeficiency Virus type 1 (IIIB strain) infected HuT 78 cells lysed with Triton X-100.

Unit Size: 25 ml

Suspending Buffer: 100 mM Glycine, pH 9.5, 1.0 mM EDTA, with 1.0% 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: 1.1 mg/ml determined by Pierce BCA protein assay using BSA standard. Alternative methods for determining protein concentration may give different values.

ELISA Testing: 9,639 units*/ml using HIV-1 (IIIB Strain) Inactivated HuT 78 Cell Extract.
*A unit is defined as the reciprocal dilution that gives an absorbance of 0.500 in our test system.

Validation of Inactivation: This lot of inactivated cell extract has been specifically tested for residual infectivity and no infectious virus was detected. The extract was titrated in HuT 78 cells over a 28-day period with endpoint determination by cytopathic effect (CPE) and p24 antigen Capture ELISA. HIV-1 infected and mock-infected HuT 78 cells were included as positive and negative controls, respectively, for the assay.

Western Blot Testing: Reactive in Western blot testing using HIV-1 (IIIB Strain) p24 and gp120 MAb.

PRODUCT DETAILS

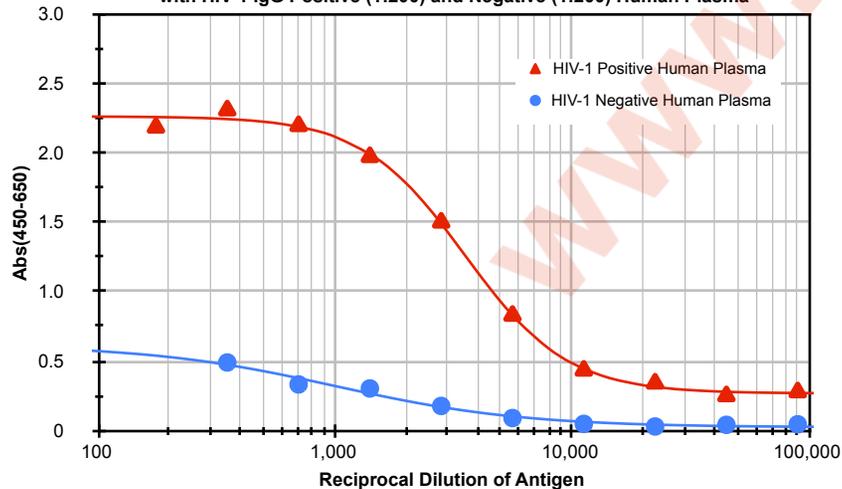
Shipping and Storage This product is shipped frozen on dry ice. **Store at -70°C upon receipt.** Avoid multiple freeze-thaw cycles as product degradation may result.

Recommendations: Before use, if any precipitate is observed, thaw the frozen vial in a waterbath set at 37° C, vortex to mix, centrifuge at 3000 RPM for 5 minutes at 4° C. Aspirate the supernatant carefully and use for the intended assay.

Safe Handling Recommendation: This 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.

ELISA Reactivity of HIV-1 (IIIB Strain) Inactivated HuT 78 Cell Extract Lot No. C0907 with HIV-1 IgG Positive (1:200) and Negative (1:200) Human Plasma



Quality Control

09/16/2013

Date