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## HIV-1 (IIIB Strain) gp160 Purified Native Glycoprotein

Catalog Number: 14-103-050

Lot Number: 8F0007

**Product Description:** Oligomeric, fully-glycosylated, soluble native gp160 glycoprotein of Human Immunodeficiency Virus type 1 (IIIB strain). The protein is probably truncated near the transmembrane domain and runs as a 140kD protein in SDS-PAGE. This viral protein was isolated from culture medium of HIV-1 infected H9 cells, lysed with 0.5% Triton X-100, and purified by immunoaffinity chromatography using mouse monoclonal antibody to HIV-1 gp41.

**Unit Size:** 50 µg

**Fill Volume:** 320 µl

**Suspending Buffer:** Dulbecco's Phosphate Buffered Saline, pH 7.4, without stabilizers or preservatives

### QUALITY CONTROL DATA

**Protein Concentration:** 160 µg/ml determined by Pierce BCA protein assay using BSA standard. Alternative methods for determining protein concentration may give different values.

**Purity:** 95% pure as estimated by analysis of Coomassie blue stained SDS-PAGE.

**Western Blot Testing:** Reactive in Western blot using HIV-1 antibody positive human serum.

### 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, centrifuge the vial for a few seconds to remove residual droplets from the lid.

**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.

**References:** Chen, J., et al., J. Infect. Dis. **186**: 321-331, 2002.  
VanCott, T. C., et al., J. Immunol. Methods, **183**:103-117, 1995.

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

  
Quality Control

06/24/08  
Date