

CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: R8A113 **Lot #:** 11D11621

Description: HIV-1 env Ag Recomb.
Human Immunodeficiency Virus Type 1 (HIV-1) Envelope Antigen, gp41 (a.a. 466-753), Recombinant
a.a 466 to a.a 753 of the HIV-1 env region (Strain IIIB). 32 kDa with Beta-galactosidase (114 kDa) fused at the N-terminus. Reacts strongly with human HIV positive serum.

Source: *E. coli*

Format: Purified, Liquid

Purification: > 95% pure (SDS-PAGE).

Concentration: 1 mg/mL (OD280nm)

Buffer: 20 mM Tris-HCl, pH 8.0; containing 10 mM β-Mercaptoethanol and 8 M Urea.

Preservative: None

Applications: ELISA and Colloidal Gold
Western Blot
Not recommended for Latex Beads.
Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Storage: Short term (up to 2 months) store at 2-8°C. Long term, aliquot and store at -80°C. Avoid multiple freeze/thaw cycles.

Inactivation: Not Applicable

Safety Note(s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Quality Signature:



25 MAY 2021

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY