

CERTIFICATE OF ANALYSIS

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

Catalog #: R01593 **Lot #:** 1D10520

Description: HIV-1 Ag Recombinant
Human Immunodeficiency Virus Type 1 (HIV-1), Recombinant

The recombinant protein contains the C-terminus of gp120 and most of gp41. Does not contain a fusion partner. Molecular weight is 27.3 kDa. Reacts with all sera of HIV-1 and HIV-type O infected individuals and with 60-80% of HIV-2 infected individuals.

Source: *E. coli*

Format: Purified, Liquid

Purification: > 95% pure (10% PAGE, Coomassie Staining). S-Sepharose > Ceramic Hydroxyapatite > S-300.

Concentration: 3 mg/mL

Buffer: 8 M Urea, 20 mM Tris, 1 mM EDTA, 300 mM Sodium Chloride, 10 mM β -Mercaptoethanol, pH 8.0.

Preservative: None

Applications: Suitable for use in ELISA and Western Blots. 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: Store at 2-8°C.

Inactivation: Not Applicable

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

Bianca Gale

14 APR 2020

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY