

CERTIFICATE OF ANALYSIS

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

Catalog #: R01547 **Lot #:** 3D11022

Description: HIV gp41/O Group gp41/gp36 Recombinant
Human Immunodeficiency Virus (HIV) Antigen, gp41/O Group gp41/gp36, Recombinant

Contains three antigens expressed in *E. coli* as a chimera:
-HIV-1 gp41 Fragment (a.a. 546 to 692)
-HIV-1 O Group gp41 Segment (Immuno-Dominant Region)
-HIV-2 gp36 Segment (a.a. 591 to ~617, Immuno-Dominant Region)

Source: *E. coli*

Format: Purified, Lyophilized

Purification: > 95% pure (SDS-PAGE). Q-Sepharose FF, S-Sepharose FF, and Sephadex G-50.

Concentration: 1 mg/vial (OD280nm: Extinction Coefficient = 111,420/M/cm)

Buffer: Prior to Lyophilization: 0.01 M Tris-HCl, pH 8.5 containing 0.02% SDS.
Reconstitute in distilled water. Avoid solvents containing potassium ions.

Preservative: None

Applications: Suitable for use in ELISA. 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 desiccated at -20°C. After reconstitution, store at 2-8°C for 3 days.

Inactivation: Not Applicable

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

Quality Signature:



22 April 2022

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY