



# Meridian

## Life Science,® Inc.

Innovative Solutions. Trusted Partner.®

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### 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  $\beta$ -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**