



Meridian
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CERTIFICATE OF ANALYSIS

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

Catalog #: B65873G **Lot #:** 4L34617

Description: Goat anti HIV-1
Goat Antibody to Human Immunodeficiency Virus Type I (HIV-I)
Horseradish Peroxidase Conjugated

Specificity: Purified virions, disrupted. This antibody reacts with the whole virus. It reacts with all the major viral proteins including p17, p24, gp41, p53, p64, gp120 and gp160. Does not react with T4+ human lymphocytes.

Host Animal: Goat

Immunogen: Human Isolate, Confirmed

Format: HRP, Liquid

Purification: Purified IgG fraction covalently coupled to a highly purified preparation of Horseradish Peroxidase (RZ >3). Care is taken to ensure adequate conjugation while preserving maximum enzyme activity. Free enzyme is not present. Estimated Molar HRP: IgG substitution is 2-3.

Concentration: 1-2 mg/mL (OD280nm, $E^{0.1\%} = 1.4$)

Buffer: Phosphate Buffered Saline containing 10 mg/mL BSA.

Preservative: 0.002% Thimerosal

Applications: Enzyme Immunoassay application. 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 6 months) store at 2-8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

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

Brenda Dunn

13Dec2017

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY