

CERTIFICATE OF ANALYSIS

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

Catalog #: B65961P **Lot #:** 2I26620

Description: Goat anti HIV-I gp120
Goat Antibody to Human Immunodeficiency Virus Type I (HIV-I), gp120
Horseradish Peroxidase Conjugated

Specificity: gp120 (predominate gp120 band in Western Blot). Does not cross-react with human T or B cells. Not reactive with human or bovine sera.

Host Animal: Goat

Immunogen: Purified native gp120 from strain IIIB.

Format: HRP, Liquid

Purification: 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 absent. Estimated molar HRP: IgG substitution is 2-3.

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

Buffer: 0.01 M Phosphate Buffered Saline, pH 7.2 containing 10 mg/mL BSA.

Preservative: 0.002% Thimerosal

Applications: Suitable for use in Western Blot and 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: 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.



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