

CERTIFICATE OF ANALYSIS

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

Catalog #: B65961B **Lot #:** 2C07119

Description: Goat anti HIV-1 gp120
Goat Antibody to Human Immunodeficiency Virus-1 (HIV-1), gp120
Biotin Conjugated

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

Host Animal: Goat

Immunogen: Purified native gp120 from strain IIIB.

Format: Biotin, Liquid

Purification: Covalently coupled with the N-Hydroxysuccinimide ester of Biotin under mild conditions to give a high degree of substitution.

Concentration: 4–5 mg/mL (OD280nm, $E^{0.1\%} = 1.4$)

Buffer: 0.01 M Phosphate Buffered Saline, pH 7.2
Product contains no stabilizing proteins.

Preservative: 0.1% Sodium Azide

Applications: Suitable for use with avidin and streptavidin amplifications systems for 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 Note(s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Beverly L. Orr

26 September 2019

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