

## CERTIFICATE OF ANALYSIS

|                        |   |               |         |
|------------------------|---|---------------|---------|
| <b>Important Note:</b> | <b>Centrifuge before opening to ensure complete recovery of vial contents.</b>  |               |         |
| <b>Catalog #:</b>      | B65951B   | <b>Lot #:</b> | 1H23522 |
| <b>Description:</b>    | Goat anti HIV-1 p24<br>Goat Antibody to Human Immunodeficiency Virus Type 1 (HIV-1), p24<br>Biotin Conjugated   |               |         |
| <b>Specificity:</b>    | p24 (predominate p24 band pattern in Western Blot). Does not cross-react with human T or B cells. Not reactive with human or bovine sera.   |               |         |
| <b>Host Animal:</b>    | Goat  |               |         |
| <b>Immunogen:</b>      | Purified native p24 from strain IIIB.   |               |         |
| <b>Format:</b>         | Biotin, Liquid  |               |         |
| <b>Purification:</b>   | Purified IgG fraction covalently coupled with the N-Hydroxysuccinimide ester of biotin under mild conditions to give a high degree of substitution.   |               |         |
| <b>Concentration:</b>  | 4–5 mg/mL (OD280nm, $E^{0.1\%} = 1.4$ )   |               |         |
| <b>Buffer:</b>         | 0.01 M Phosphate Buffered Saline pH 7.2<br>Product contains no stabilizing proteins.  |               |         |
| <b>Preservatives:</b>  | 0.1% Sodium Azide   |               |         |
| <b>Applications:</b>   | Avidin and streptavidin amplification systems for ELISA and Western Blot. 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. |               |         |
| <b>Storage:</b>        | Short-term (up to 6 months) store at 2–8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.   |               |         |
| <b>Safety Note(s):</b> | Refer to the appropriate Safety Data Sheet (SDS) for additional information.  |               |         |

Quality Signature:



23 Aug 2022

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**