

## CERTIFICATE OF ANALYSIS

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

**Catalog #:** B65804P **Lot #:** 12C08822

**Description:** Goat A' HBsAg (ad/ay)  
Goat Antibody to Hepatitis B Surface Antigen (HBsAg) (ad/ay)  
Horseradish Peroxidase Conjugated

**Specificity:** Monospecific, reacts only with Hepatitis B surface antigen. Non-reactive with normal human serum.

**Host Animal:** Goat

**Immunogen:** Mixture of subtypes ad & ay. Hepatitis B surface antigen purified from human serum.

**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<sup>0.1%</sup> = 1.4)

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

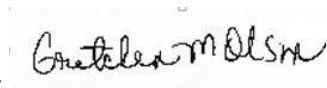
**Preservative:** 0.002% Thimerosal  
**NOTE: Use of sodium azide as a preservative will substantially inhibit the enzyme activity of horseradish peroxidase.**

**Applications:** Suitable for use in 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.

Quality Signature:



30 MAR 2022

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**