

CERTIFICATE OF ANALYSIS

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

Catalog #: B65811P **Lot #:** 1K31621

Description: Rabbit anti HBsAg (ad/ay)
Rabbit Antibody to Hepatitis B Surface Antigen (HBsAg), ad/ay Subtypes
Horseradish Peroxidase Conjugated

Specificity: Monospecific, reacts only with Hepatitis B surface antigen including the pre-S1 epitope. Non-reactive with normal human serum.

Host Animal: Rabbit

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

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: 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.

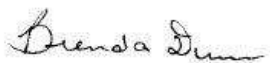
Applications: Suitable for use in ELISA. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Recommended pairs for sandwich immunoassay:

<u>Capture</u>	<u>Detection</u>
C01247M	B65811P
C01246M	B65811P
C01248M	B65811P

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:



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FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY