

CERTIFICATE OF ANALYSIS

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

Catalog #: B65210P **Lot #:** 8D10520

Description: Rabbit anti *Treponema pallidum*
Rabbit Antibody to *Treponema pallidum* (All Antigens)
Horseradish Peroxidase Conjugated

Specificity: Recognizes all antigens. Non-reactive in RPR assay. Has not been absorbed and may react with related microorganisms.

Host Animal: Rabbit

Immunogen: Highly purified *T. pallidum*.

Format: HRP, Liquid
Note: Use of sodium azide as a preservative will substantially inhibit the enzyme activity of horseradish peroxidase

Purification: Purified 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 (OD_{280nm}, E^{0.1%} = 1.4)

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

Preservative: 0.002% Thimerosal

Applications: Suitable for use in Immunohistochemistry (paraffin-embedded sections). A starting range of 1:20 to 1:200 is recommended for Immunochemistry. 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.

Bianca Gale

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