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## CERTIFICATE OF ANALYSIS

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

**Catalog #:** B65660P **Lot #:** 1B05814

**Description:** Rabbit A' *Helicobacter pylori*  
Rabbit Antibody to *Helicobacter pylori*  
Horseradish Peroxidase Conjugated

**Specificity:** Whole cell lysate. Has not been absorbed and may react with related microorganisms.

**Host Animal:** Rabbit

**Immunogen:** ATCC Strain 43504

**Format:** HRP, Liquid **Exp. Date:** N/A

**Purification:** Protein A chromatography 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 (OD280nm,  $E^{0.1\%} = 1.4$ )

**Buffer:** PBS containing 10 mg/mL BSA.

**Preservative:** 0.002% Thimerosal

**Applications:** Suitable for use in ELISA Immunocytochemistry and Immunohistochemistry (formalin-fixed specimens). 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.

**Warning:** Use of sodium azide as a preservative will substantially inhibit the enzyme activity of horseradish peroxidase.

**References:** The reference listed below is for research purposes only:  
Lin, Frank, Y.H., et al., (2005), "Development of a Nanoparticle-Labeled Microfluidic Immunoassay for Detection of Pathogenic Microorganisms", Clinical and Diagnostic Laboratory Immunology, 12(3), 418-425.

*Robert Ott*

Signature

08 May 2015

Date

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**