

Datasheet for ABIN1044879

Protein A Protein (HRP)[Go to Product page](#)**1** Image

Overview

Quantity:	1 mg
Target:	Protein A
Origin:	Staphylococcus aureus
Host:	Please inquire
Purification tag / Conjugate:	This Protein A protein is labelled with HRP.
Application:	ELISA, Western Blotting (WB)

Product Details

Specificity:	Protein A Peroxidase was prepared from chromatographically pure Protein A. Protein A Peroxidase was assayed by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase and anti-Protein A. No reaction was observed against anti-Protein G.
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Target Details

Target:	Protein A
Abstract:	Protein A Products
Background:	Protein A is a surface protein (approximately 56kDa in size) originally discovered within the cell wall of Staphylococcus aureus. While important for bacterial survival, Protein A has beneficial uses in immunology for its high affinity binding to immunoglobulins (especially the IgG isotype). This high affinity property makes Protein A essential in the large scale purification of antibodies. Horseradish Peroxidase (HRP) is an enzyme that utilize organic peroxide compounds as electron donors. Naturally provides protection for plants against pathogens, but can be utilized in molecular biology to convert various substrates to detectable compounds (such as in

Target Details

Western Blotting and ELISAs).

Synonyms: HRP, peroxidase, Horseradish peroxidase protein A

Application Details

Application Notes: Protein A Peroxidase is a useful reagent in Western Blotting and ELISA experiments. Protein A Peroxidase can be utilized as a pseudo-secondary detection reagent when used in conjunction with an IgG-based primary antibody and appropriate substrate (such as TMB-1000 or Femtomax-110). Protein A Peroxidase is stable at 4° C until restored, at which point it is recommended to freeze aliquots at -20° C.

Comment: Protein A Peroxidase is a useful reagent in Western Blotting and ELISA experiments. Protein A Peroxidase can be utilized as a pseudo-secondary detection reagent when used in conjunction with an IgG-based primary antibody and appropriate substrate (such as TMB-1000 or Femtomax-110). Protein A Peroxidase is stable at 4° C until restored, at which point it is recommended to freeze aliquots at -20° C.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitution Buffer: Restore with deionized water (or equivalent), Reconstitution Volume: 1.0 mL

Concentration: 1.0 mg/mL

Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free

Storage: 4 °C

Expiry Date: 12 months

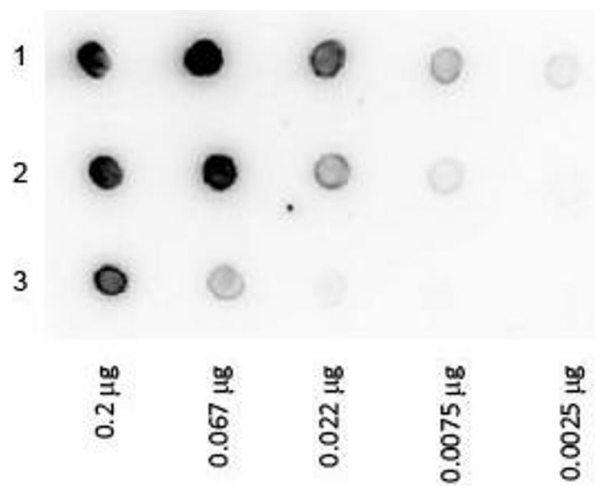


Image 1.