



Protein A

Cat. No.	Form	Quantity
7305-01S	Purified (UNLB) Protein A	1.0 mg
7305-01L	Purified (UNLB) Protein A	5.0 mg
7305-05	Horseradish Peroxidase (HRP) Conjugate	1.0 ml

DESCRIPTION

- Source** *Recombinant protein from E.coli*
- Mr/Structure** 43-kDa. Protein A is a monomeric protein with tag. Amino acid sequence is from Pro 32-Lys 327 of Staphylococcus Aureus. Gene Bank Accession number : YP-498670
- Specificity** Protein A binds the Fc portion of human IgG1, IgG2, IgG3 (weakly), IgG4, and mouse IgG1 (weakly), IgG2a, IgG2b, and IgG3. Protein A also binds IgG from monkey, rabbit, pig, guinea pig, dog, rat and cat. This protein A also weakly binds to streptavidin

RESEARCH APPLICATIONS

Protein A-UNLB

- Affinity chromatography

Protein A-HRP

- Enzyme Linked Immunosorbent Assay (ELISA)

CHARACTERIZATION

To insure lot to lot consistency, each batch of product is tested by FPLC and ELISA to conform to the characteristics of a standard reference reagent.

WORKING DILUTIONS

ELISA HRP conjugate 1:4,000-1:8,000

Other Applications: Since applications vary, you should determine the optimum working dilution of the product that is appropriate for your specific need.

HANDLING AND STORAGE

- The purified Protein A is supplied as either 1.0 mg or 5.0 mg in lyophilized form. *No preservatives or amine-containing buffer salts have been added.* Store up to one year at -20°C; or after reconstitution in phosphate buffered saline to highest concentration possible, store up to one month at 2-8°C
- Protein A-HRP conjugate is supplied as 1.0 mL of stock solution in 50% glycerol/50% PBS, pH 7.4. *No other preservatives have been added.* Store at 2-8°C or long-term at -20°C.
- Reagents are stable for the period shown on the label if stored as directed.

For Research Use Only. Not for Diagnostic or Therapeutic Use.

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