



## CELL LAB Protein A

<u>Cat. No.</u>	<u>Form</u>	<u>Quantity</u>
733016	Purified (UNLB) Protein A	5.0 mg
733017	Purified (UNLB) Protein A	1.0 mg
733018	Horseradish Peroxidase (HRP) Conjugate	1.0 mL

### For Laboratory Use Only

#### DESCRIPTION

**Source:** *Staphylococcus aureus*  
**Mr/Structure:** 42 kDa. Protein A is a monomeric protein lacking cysteine residues.  
**Specificity:** Protein A binds the Fc portion of human IgG1, IgG2, IgG3 (weakly), and IgG4, and of mouse IgG1 (weakly), IgG2a, IgG2b, and IgG3. Protein A also binds IgG from monkey, rabbit, pig, guinea pig, dog, and cat.

#### APPLICATIONS

Protein A-UNLB

- Affinity chromatography
- Immunoprecipitation

Protein A-HRP

- Enzyme-Linked Immunosorbent Assay (ELISA)
- Immunoblotting
- Immunohistochemistry

#### CHARACTERIZATION

To ensure lot-to-lot consistency, each batch of product is tested to conform with characteristics of a standard reference reagent using Fast Protein Liquid Chromatography (FPLC) and ELISA.

#### WORKING DILUTIONS

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

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

#### HANDLING AND STORAGE

- The purified Protein A is supplied as either 1.0 mg or 5.0 mg in lyophilized form. No BSA, preservatives or amine-containing buffer salts have been added. Reconstitute with PBS and store at 2-8°C for up to 1 month.
- 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.
- Reagent is stable until the expiration date on the vial when stored at 2-8°C.

#### STATEMENT OF WARNINGS

1. Specimens, samples and all material coming in contact with them should be handled as if capable of transmitting infection and disposed of with proper precautions.

2. Never pipet by mouth and avoid contact of samples with skin and mucous membranes.
3. Do not use reagent beyond the expiration date on the vial label.
4. Avoid microbial contamination of reagent or erroneous results may occur.
5. Use Good Laboratory Practice (GLP) when handling this reagent.

### **TRADEMARKS**

The Beckman Coulter logo is a trademark of Beckman Coulter, Inc.

For additional information or if damaged product is received, contact your local Beckman Coulter Representative.



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