



CELL LAB Protein L

<u>Cat. No.</u>	<u>Form</u>	<u>Quantity</u>
733022	Purified (UNLB) Protein L	5.0 mg
733023	Purified (UNLB) Protein L	1.0 mg
733024	Horseradish Peroxidase (HRP) Conjugate	1.0 mL

For Laboratory Use Only

DESCRIPTION

- Source:** Protein L, from *Peptostreptococcus magnus*, is recombinantly expressed in *E. coli*.
- Mr/Structure:** 36 kDa. The recombinant protein contains four immunoglobulin (Ig) binding domains (B-domains) of the native protein.
- Specificity:** Protein L binds Ig, primarily through kappa (κ) light chains, from a variety of sources. Protein L does not bind to bovine, sheep, goat or chicken Igs.

APPLICATIONS

Protein L-UNLB

- Affinity chromatography
- Immunoprecipitation

Protein L-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 L 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 one month.
- Protein L-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.



Manufactured for:
Beckman Coulter, Inc.
4300 N. Harbor Blvd.
Fullerton, CA 92835
www.beckmancoulter.com

Printed in USA
Made in USA

© 2005 Beckman Coulter, Inc.
All Rights Reserved.

PN 734092-A