

FT-56874

Applications

- Protein L may be coupled to a wide variety of reporter molecules including fluorescent dyes, enzyme markers, biotin, colloidal gold and radioactive iodine without affecting the antibody binding site. These conjugates may be used to track immunoglobulins in histochemical, western and ELISA applications.
- Protein L may be immobilized onto a solid support for various applications. Coating to polystyrene microplates allows an easy performance and very quick and efficient indirect coating of IgGs. Coupling to matrix like agarose gels allows the purification and recovery of either polyclonal or monoclonal immunoglobulins, for R&D, diagnostics, and therapeutics applications.
- The solubility can be improved by addition of glycerol up 10%, without affecting its binding properties.

Directions For Use

Enzyme conjugates and complexes; Western blots and other methods for protein analysis; purification of immunoglobulins (IgGs); immunoprecipitation of various antigens (with their specific antibodies), depletion of light chains from IgG eluted mixtures...

Protocol : Coating of Protein L to polystyrene microplates

- 1- Dissolve the protein L at 1mg/ml in distilled water or PBS.
- 2- Prepare a 10 µg/ml solution in carbonate buffer 0.1 M, pH 9.6
- 3- Pipette 1000µl of Protein L solution into microplates wells
- 4- Incubate overnight at + 4°C (with a cover or an adhesive film on the plate)
- 5- Wash wells with PBS (Phosphate 100mM, NaCl 150mM, pH07.5)
- 6- Pipette 1500µl of saturating agent into microplate wells
- 7- Wash twice with PBS (Phosphate 100mM, NaCl 150mM, pH07.5)

Other Information

For use *in vitro* only, not for diagnostic.

Related documents and products

[FT-UP49981](#) ProteinA-agarose
[FT-UP75196](#) ProteinG-agarose [protein G](#)
[FT-UP52746](#) ProteinL-agarose

For any information, please contact Uptima, or your local distributor.

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