

Protein L resins and kits, Thermo Scientific Pierce

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Thermo Scientific Pierce Protein L resins are effective for affinity purification of IgG clones that contain specific kappa light chains. Protein L is especially suited for isolating mouse IgG Vkl and human IgG Vkl, VklII and VklIV monoclonal antibodies. Protein L agarose resins use recombinant Protein L immobilised using a chemistry that is leak resistant, providing high capacity purification with minimal non-specific binding. These agarose supports can be regenerated and reused multiple times when stored properly.

Protein L is an immunoglobulin binding protein that originates from the bacteria *Peptostreptococcus magnus*. Unlike Protein A and Protein G, which bind primarily through Fc regions (i.e., heavy chain) of immunoglobulins, Protein L binds Igs through interactions with the light chains. Because no part of the heavy chain is involved in the binding interaction, Protein L binds a wider range of Ig classes than Protein A or G.

Standard capacity

| Catalogue No | Description | Quantity |
|----------------|--|------------|
| PN20510 | Protein L agarose Support: Crosslinked 6% beaded agarose Capacity: 5mg to 10mg human IgG/mL resin | 2mL |
| PN20512 | Protein L agarose | 10mL |
| PN89928 | Pierce chromatography cartridges, Protein L Support and capacity: As above | 2 x 1mL |
| PN89929 | Pierce chromatography cartridges, Protein L | 1 x 5mL |
| PN89955 | NAb Protein L spin columns Support and capacity: As above | 10 x 0.2mL |
| PN89959 | NAb Protein L spin columns | 5 x 1mL |
| PN89963 | NAb Protein L spin columns | 1 x 5mL |
| PN89951 | NAb Protein L spin purification kit. Includes: Protein L spin columns, 10 x 0.2mL PBS binding buffer, 500mL IgG elution buffer, 50mL Neutralisation buffer, 7mL Collection tubes, 10 x 0.2mL | Kit |
| PN89981 | NAb Protein L spin purification kit. Includes: Protein L spin columns, 2 x 1mL PBS binding buffer, 500mL IgG elution buffer, 240mL Neutralisation buffer, 7mL | Kit |

High capacity (Plus)

| Catalogue No | Description | Quantity |
|----------------|---|----------|
| PN20520 | Protein L Plus agarose Support: Crosslinked 6% beaded agarose Capacity: 10mg to 20mg of human IgG/mL resin | 2mL |



For centrifuges, please see the Fisher Scientific Laboratory Catalogue, or visit our website.



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High binding, low leaching supports for antibody purification.

- Single support to provide all the benefits of Protein A and Protein G
- Available in regular and high ('Plus') binding capacity formats
- Binds to a wider range of antibodies than Protein A or Protein G beads
- Offered as resin slurries, chromatography cartridges, Thermo Scientific Pierce NAb spin columns and purification kits

Thermo Scientific Pierce Protein A/G resins are effective for affinity purification of IgG from serum and other fluids of many species. Protein A/G is especially suited for polyclonal antibody purification because it binds the broadest range of antibody species and subclasses. Protein A/G Agarose and Thermo Scientific Pierce UltraLink resins use recombinant Protein A/G immobilised using chemistries that are leak-resistant, providing high capacity affinity supports with minimal nonspecific binding. These agarose and polyacrylamide supports can be regenerated and reused multiple times when stored properly.



entry continued