

Protein A Agarose

Cat. No. 15918-014

Size: 5 mL of settled gel

Store at 2–8°C

Description

Protein A Agarose is prepared by covalently coupling purified Protein A to 4% crosslinked agarose beads by a cyanogen bromide method. Protein A Agarose can bind >18 mg of human IgG per mL of gel, a value comparable to that reported by Hjelm *et. al* (1).

Protein A Agarose binds specifically to the F_c region of IgG molecules. As a result of this property, Protein A Agarose has been used to accomplish the following:

- Purification of IgG (1,2)
- Fractionation of IgG fragments (2)
- Fractionation of cells (3)
- Isolation of antigen-antibody complex (4)

Contents

Protein A Agarose is supplied as a suspension in buffer containing 0.02 M sodium phosphate, (pH 7.2), 0.15 M sodium chloride, 0.02% (w/v) merthiolate.

Intended Use

For research use only. Not intended for any animal or human therapeutic or diagnostic use.

Product Qualification

The Certificate of Analysis provides detailed quality control information for each product. Certificates of Analysis are available on our website at www.invitrogen.com/support.

Part no. 15918014.pps

MAN0001295

Rev. Date: 20 May 2010

References

1. Hjelm, H., Hjelm, K., and Sjoquist, J. (1972) *FEBS Lett.* 28, 73.
2. Goding, J.W. (1978) *J. Immunol. Meth.* 20, 241.
3. Ghetie, V., Mota, G., and Sjoquist, J. (1978) *J. Immunol. Meth.* 21, 133.
4. Bauer, K., Bayer, P.M., Deutsch, E., and Gabl, F. (1980) *Clin. Chem.* 26, 297.

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