

Technical Data Sheet

Agarose Protein A

Product Information

Material Number: 610437
Size: 1.0 ml
Storage Buffer: Aqueous buffered solution containing ≤0.09% sodium azide.

Description

Protein A has been reported to bind strongly to rabbit IgG and mouse IgG2 isotypes. However, protein A does not bind mouse IgM and weakly binds IgG1. When conjugated to agarose, protein A acts as a solid matrix facilitating the immunoprecipitation of antigen-antibody complexes.

Protein A was coupled to agarose at a concentration of 2 mg/ml of hydrated agarose.

This reagent is packaged as a 1 ml slurry containing 0.5 ml of settled agarose in phosphate-buffered saline with 1.5 mM sodium azide.

Preparation and Storage

Store undiluted at 4° C.

Application Notes

Application

Immunoprecipitation/Western blot	Routinely Tested
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Recommended Assay Procedure:

Immunoprecipitation: Please refer to http://www.bdbiosciences.com/pharmingen/protocols/Agarose_Conjugates.shtml

Western blot: Please refer to http://www.bdbiosciences.com/pharmingen/protocols/Western_Blotting.shtml

Suggested Companion Products

Catalog Number	Name	Size	Clone
610438	HRP Protein A	1.0 mg	(none)

Product Notices

- Since applications vary, each investigator should titrate the reagent to obtain optimal results.
- Caution: Sodium azide yields highly toxic hydrazoic acid under acidic conditions. Dilute azide compounds in running water before discarding to avoid accumulation of potentially explosive deposits in plumbing.
- Please refer to www.bdbiosciences.com/pharmingen/protocols for technical protocols.

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