

Datasheet for ABIN964524
Protein A Protein (Sepharose)[Go to Product page](#)

1 Image

Overview

Quantity:	2 mL
Target:	Protein A
Origin:	Staphylococcus aureus
Host:	Please inquire
Protein Type:	Native
Purification tag / Conjugate:	This Protein A protein is labelled with Sepharose.
Application:	Immunoprecipitation (IP)

Product Details

Characteristics:	Concentration Definition: drained sepharose gel (~1 cc settled sepharose beads per 2 ml suspension) Performance Data: Bead size 45-165 µm in size when swollen. ~35 mg Human IgG bound per cc of drained beads.
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Target Details

Target:	Protein A
Abstract:	Protein A Products
Background:	Sepharose™ Protein A is a suspension of beads conjugated to a fusion protein containing binding domains from protein A from Staphylococcus aureus. When evenly dispersed approximately 2.0 cc of suspension is equal to 1.0 cc of settled beads of Sepharose™ 4 Fast Flow (highly cross linked, 4% agarose derivative). The bead size is approximately 45-165 µm when swollen. Approximately 6.0 mg of Protein A is bound per cc of drained beads. Each cc of

Target Details

drained beads will bind approximately 35 mg Human. The exclusion limit (Mr) of the beads is 3 x 10⁷. The maximum linear flow rate is approximately 1300 cm/hr. This product shows long term stability within pH range of 3 to 9 and short term stability within pH range of 2 to 10.

Synonyms: Sepharose Protein A

Application Details

Application Notes:	Protein A resin may also be used to pull down antibody:antigen complexes in immunoprecipitation experiments. This product is suitable for use at 20 µL per immunoprecipitation reaction.
Comment:	Sepharose 4 Fast Flow from GE/Amersham-Pharmacia
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	6.0 mg/cc
Buffer:	20% (v/v) Ethanol
Storage:	4 °C

Images

