

Product datasheet for RA100S25

Protein A (Sepharose) Staphylococcus aureus Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Protein A (Sepharose) s. aureus protein, 25 ml
Species:	Staphylococcus aureus
Concentration:	lot specific
Conjugation:	Sepharose
Buffer:	State: Suspension of Sepharose beads (~2.0 cc suspension per cc settled beads). Buffer System: 20% (v/v) Ethanol Label: Sepharose (TM) Presentation Label: Sepharose
Bioactivity:	Specific: ~35 mg Human IgG bound per cc of drained beads.
Preparation:	Suspension of Sepharose beads (~2.0 cc suspension per cc settled beads).
Applications:	Ideal for laboratory and process scale recovery and purification of monoclonal antibodies from dilute cell cultures. High capacity and high flow rate fractionation is applicable to both laboratory and scale-up processes. Protein A resin may also be used to pull down antibody:antigen complexes in immunoprecipitation experiments. This product is suitable for use at 20 ul per immunoprecipitation reaction
Protein Description:	Native Protein A (<i>Staphylococcus aureus</i>) coupled to bead by cyanogen bromide activation method.
Note:	Matrix: Sepharose 4 Fast Flow, highly cross linked, 4% agarose derivative. Bead Size: 45-165 µm in size when swollen. Protein A/Sepharose: 6.0 mg Protein A per cc of drained sepharose gel. Binding Capacity: Approximately 35 mg Human IgG per cc of drained sepharose gel. Exclusion Limit (Mr): 3 x 10e7 Maximum Linear Flow Rate: < 1300 cm/hr pH Stability: Long term stability within pH range of 3 to 9. Short term stability within pH range of 2 to 10.

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Storage: Store vial at 2-8°C prior to opening.
DO NOT FREEZE!

Stability: Shelf life: one year from despatch.