

Certificate of Analysis

Product: Sepharose Protein A

Code: PA50-00-0002

Lot # 20060

Size: 2.0 ml

Physical State: Suspension of sepharose beads (~2.0 cc suspension per cc settled beads)

Matrix: Sepharose 4 Fast Flow, highly cross linked, 4% agarose derivative

Bead Size: 45-165 μm in size when swollen

Ligand: Native Protein A (*Staphylococcus aureus*) coupled to bead by cyanogen bromide activation method

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 (M_r): 3×10^7

Maximum Linear Flow Rate: <1300 cm/hr

Buffer: 20% (v/v) Ethanol

pH Stability: Long term stability within pH range of 3 to 9. Short term stability within pH range of 2 to 10.

Application(s): 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.

Storage Conditions: Store vial at 4° C prior to opening. DO NOT FREEZE. Expiration date is one (1) year from date of opening.

Note: This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information.

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