

DiagAg™ Alkaline Stable Protein A Agarose Particles, 4% Crosslinked, 90 µm, High Flow

Cat.No: DAG-24BY16

DESCRIPTION

Description	These particles consist of 4% crosslinked agarose particles and alkaline stable recombinant Protein A. They have outstanding alkaline resistance and ultra-high reusable ability after 200 washes at 0.1 M NaOH, and 80% load after 100 washes at 0.5 M NaOH. They are with ultra-low ligand shedding, which is less than 10 ng/mg IgG. They are used for antibody purification, immunoprecipitation (IP) and Co-IP.
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APPLICATION

Application Notes	Antibody Purification, IP, Co-IP
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PRODUCT INFORMATION

Diameter	90 µm
Ligand	rProtein A
Concentration	25% v/v
Matrix	4% agarose
Dynamic Binding Capacity	~50 mg hIgG/mL precipitated particles (TR=4min, hIgG 5 mg/mL, 300 cm/h)
Maximum Operating Pressure	300 kPa
CIP	0.1-0.5M NaOH
Flow Velocity	50-300 cm/h

Maximum Linear Velocity ~1200 cm/h

STORAGE AND SHIPPING

Storage Buffer	TBS with preservative
Stability	Compatible with: Detergents: 1% Triton X-100, 1% NP-40, 0.1% SDS; Reductants: 2 mM β -mercaptoethanol; Chelates: 20 mM EDTA; Others: 1 mM PMSF, 5% glycerol
Storage	4°C. Do not freeze.
Shelf Life	1 year