

DiagAg™ Co-IDA Agarose Particles, 6% Crosslinked, 90 µm

Cat.No: DAG-24PA02-H

DESCRIPTION

Description	DiagAg™ Co-IDA Agarose Particles, 6% Crosslinked, 90 µm are designed for affinity purification of polyhistidine tagged proteins. Cobalt ions are carefully loaded onto an 6% crosslinked agarose matrix via an iminodiacetic acid (IDA) coupled ligand to obtain a stable affinity matrix with a high binding capacity for histidine residues (up to 10 mg/mL determined from E.coli cleared lysate).
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PRODUCT INFORMATION

Diameter	90 µm
Functional Group	Co-IDA
Concentration	50% v/v
Size Distribution	45-165 µm
Matrix	6% agarose
Binding Capacity	10 mg his-tagged proteins/mL resin
pH Range	2-12
Maximum Operating Pressure	42 psi
Flow Velocity	0.25-2 mL/min

STORAGE AND SHIPPING

Storage Buffer	20% ethanol
Stability	Stable in 30% ethanol, 1 M NaOH, 0.01 M HCl, 8 M urea, 6 M guanidinium hydrochloride for cleaning
Storage	Equilibration buffer at 2-8°C (short-term), 20% ethanol at 2-8°C (long-term)