DiagAg™ Cobalt Agarose Particles, 6% Crosslinked (High Density), 50-150 µm

Cat.No: DAG-GB23-07

DESCRIPTION

Description	DiagAg™ Cobalt Agarose Particles, 6% Crosslinked (High Density), 50-150 µm are suitable for use with FPLC, but with pressures no more than 20 kPa. Too much pressure or too fast of a flow rate will result in diminished performance. The product is available in bulk or in prepacked columns. Cobalt binds fewer host protein contaminants, resulting in lower background than nickel resins and no metal contamination in eluted histidine-tagged protein sample. In addition, it allows for purification of proteins under native or denaturing conditions. IDA cross-linked Agarose resin consists of iminodiacetic acid groups ligated by stable ether linkages via a spacer arm. IDA is a tridentate chelating agent, covalently coupled to cross-linked agarose particles. This resin is loaded with Co^{2+}. The resulting, ready-to-use resin is ideal for rapid purifications of His-tagged proteins.

PRODUCT INFORMATION

Diameter	50-150 µm
Functional Group	Co-IDA
Matrix	6% agarose
Surface Group Density	20-40 (µmol Me^{2+}/mL gel)
Autoclavable	30 min at 121°C

STORAGE AND SHIPPING

Storage Buffer	20% ethanol

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Stability	Stable in all commonly used reagents.
Storage	Store at 4°C. Do not freeze.

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