

DiagAg™ Ni-IDA Agarose Particles (Low Density), 6% Crosslinked, 50-150 µm

Cat.No: DAG-GB23-10

DESCRIPTION

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DiagAg™ Ni-IDA Agarose Particles (Low Density), 6% Crosslinked, 50-150 µm are available in bulk or in prepacked columns. IDA 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 Ni²⁺. The resulting, ready-to-use resin is ideal for rapid purifications of His-tagged proteins. Ni-IDA agarose resin is 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. Some discoloration of the Ni-IDA resin has been observed in reaction with low levels of reducing agents such as DTT. However, the resin remains fully functional even at concentrations as high as 5 mM DTT.

PRODUCT INFORMATION

Diameter	50-150 µm
Functional Group	Ni-IDA
Matrix	6% agarose
Surface Group Density	5-20 µmol Me ²⁺ /mL gel
Maximum Operating Pressure	20 kPa
Autoclavable	30 min at 121°C

STORAGE AND SHIPPING

Storage Buffer	20% ethanol
Stability	Stable in all commonly used reagents.
Storage	Store at 4°C. Do not freeze.