

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

Cat.No: DAG-GB23-13

DESCRIPTION

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DiagAg™ Glyoxal Agarose Particles (High Density), 6% Crosslinked, 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. Glyoxal particles allow a covalent binding of agarose to lysine amino groups (similar orientation to CNBr). Glyoxal agarose particles are ready to use and require no activation. The resin has a high amount of aldehydes groups providing a very good option to conjugate affinity ligands improving the stability of the ligand. Biomolecules can be immobilized by binding them to a support under conditions that will then determine the characteristics of the complex. Immobilization is a technique that binds a ligand (enzyme, antibody, affinity proteins like Protein A or Protein G) to a support, giving high stability and making it easier to reuse the immobilized molecule.

PRODUCT INFORMATION

Diameter	50-150 µm
Functional Group	Glyoxal
Concentration	50% v/v
Matrix	6% agarose
Binding Capacity	20-25 mg BSA/mL gel
Surface Group Density	40-60 µm glyoxal/mL gel
Maximum Operating Pressure	20 kPa

Autoclavable 30 min at 121°C

STORAGE AND SHIPPING

Storage Buffer 20% ethanol

Storage Store at 4°C. Do not freeze.
