

DiagAg™ Agarose Particles, 4% Crosslinked, 50-150 µm, High Flow

Cat.No: DAG-GB23-02

DESCRIPTION

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DiagAg™ Agarose Particles, 4% Crosslinked, 50-150 µm, High Flow are developed for industrial-scale separation of large molecules and virus particles utilizing higher pressure and flow rates rather than low pressure standard particles. This matrix is not preactivated. For preactivated resins, look for Glyoxal Agarose particles or Protein G. The matrix is suitable for use with FPLC or HPLC, and can withstand pressures up to 300 kPa. The rigidity and mechanical resistance permit high flow rates with good resolution in a minimum time frame, making these particles ideal for process-scale use. They are autoclavable. These particles are ideal supports for the immobilization of ligands for Affinity Chromatography and base media support for producing IEX (Ion Exchange) and hydrophobic interaction chromatography resins.

PRODUCT INFORMATION

Diameter	50-150 µm
Functional Group	Plain
Matrix	4% agarose
pH Range	1.8-14 (short term), 3.8-13 (long term)
Maximum Operating Pressure	≥150 kPa
Appearance	Spherical
Exclusion Limit	~3E+7-4E+6 daltons
Maximum Linear Velocity	≥500 cm/h at 15 cm bed height

Autoclavable	20 min at 120°C for in water
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STORAGE AND SHIPPING

Storage Buffer	20% ethanol
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Stability	Chemical Stability: most commonly used aqueous and organic solutions including 1 M NaOH, 8 M urea, 5 M guanidine HCl, 75% ethanol.
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Storage	Store at 4°C. Do not freeze.
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