

# DiagAg™ Agarose Particles, 6% Crosslinked, 50-150 µm, High Flow

Cat.No: DAG-GB23-01

## DESCRIPTION

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DiagAg™ Agarose Particles, 6% 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 particles. This gel filtration resin is not preactivated. The particles are suitable for FPLC or HPLC, and can withstand pressures up to 300 kPa. Their rigidity and mechanical resistance permits 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

<b>Diameter</b>	50-150 µm
<b>Functional Group</b>	Plain
<b>Matrix</b>	6% agarose
<b>pH Range</b>	1.8-14 (short term), 3.8-13 (long term)
<b>Maximum Operating Pressure</b>	≥300 kPa
<b>Appearance</b>	Spherical
<b>Exclusion Limit</b>	~4E+6 daltons
<b>Maximum Linear Velocity</b>	≥1000 cm/h at 15 cm bed height
<b>Autoclavable</b>	20 min at 120°C in water

## STORAGE AND SHIPPING

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