

# DiagAg™ Agarose Particles, 4% Crosslinked, 45-165 μm, High Flow

Cat.No: DAG-YS23-08

## DESCRIPTION

<b>Description</b>	DiagAg™ Agarose Particles, 4% Crosslinked, 45-165 μm, High Flow are blank microspheres. Their chemical stability and physical properties are significantly enhanced, with high flow rate, high load, low non-specific adsorption, high recovery rate, multiple reuse and other characteristics. They can be derived on the basis of functional groups used for virus particles, macromolecular proteins, supercoiled DNA and other biological macromolecular material components gel filtration.
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## PRODUCT INFORMATION

<b>Diameter</b>	45-165 μm
<b>Functional Group</b>	Plain
<b>Usage Statement</b>	<ol style="list-style-type: none"><li>1. The medium suspension is preferably equilibrated to room temperature before column loading.</li><li>2. After use, the filler should be stored in 20% ethanol. In order to prevent ethanol volatilization and microbial growth, it is recommended to replace the fresh 20% ethanol once every 3 months.</li><li>3. For your safety and health, please wear laboratory clothes and disposable gloves.</li><li>4. This product is only used for scientific research purposes!</li></ol>
<b>Matrix</b>	4% agarose
<b>pH Range</b>	2-12 (working), 1-14 (washing, short term)
<b>Maximum Operating Pressure</b>	300 kPa
<b>Maximum Linear Velocity</b>	500 cm/h

**Autoclavable** 30 min at 120°C in water, pH 7

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## STORAGE AND SHIPPING

**Storage Buffer** 20% ethanol

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**Stability** Chemical stability: 1 M NaOH, 8 M urea, 6 M guanidine hydrochloride, 70% ethanol.

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**Storage** Store at 4-8°C. Do not freeze.

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**Shelf Life** 5 years

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