

DiagAg™ Streptavidin Agarose Particles, 6% Crosslinked, 45-165 µm, High Capacity, High Flow

Cat.No: DAG-YS23-03

DESCRIPTION

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DiagAg™ Streptavidin Agarose Particles, 6% Crosslinked, 45-165 µm, High Capacity, High Flow are used for the purification of biotin or biotinylated protein, antibodies and other substances. The action principle is based on the interaction between streptavidin agarose particles and biotin. The higher physical and chemical characteristics make it tolerate higher pressure and purify the target protein at a relatively high flow rate. It is more suitable for industrial large-scale protein purification. Due to the strong affinity between streptavidin and organisms, the purification needs to elute under denaturing conditions. The affinity of streptavidin for imino biotin is relatively weak, which can be bound at pH 9.5-11.0 and eluted at pH 4.0 without denaturant, so it can better maintain the activity of avidin conjugates.

PRODUCT INFORMATION

Diameter	45-165 µm
Ligand	Streptavidin
Usage Statement	<ol style="list-style-type: none">1. During all operations, the samples need to be operated on 4°C or on ice.2. For your safety and health, please wear laboratory clothes and wear disposable gloves.3. This product is only used for scientific research purposes!
Matrix	6% agarose
Binding Capacity	>200 nmol biotin/mL matrix
pH Range	2-10
Maximum Operating	300 kPa, 3 bar

Pressure

STORAGE AND SHIPPING

Storage Buffer	20% ethanol
Storage	Store at 4°C. Do not freeze.
Shipping Condition	Ship with an ice pack.
Shelf Life	2 years