

Streptavidin agarose resin

Cat. No. Streptavidin-001A **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Streptavidin Sepharose is a magnetic bead for simple and efficient enrichment of target proteins by immunoprecipitation and purification of biotinylated biomolecules. Streptavidin Mag Sepharose utilizes the strong interaction between biotin and streptavidin ligand, which is immobilized on magnetic beads. Magnetic beads simplify sample handling in small-scale purifications.
Cat.no	Streptavidin-001A
Characteristics	Streptavidin is a tetrameric protein containing four biotin-binding sites. Recombinant streptavidin is immobilized on a highly crosslinked fine beaded agarose destined to bind biotinylated biomolecules. The method used to prepare this resin are superior to other immobilization technologies providing a higher binding capacity with a lower leaching.
Form	Aqueous slurry of activated agarose gel containing preservative(10 mM sodium phosphate, 150 mM NaCl, pH 7.2 with 0.05% azide and 1 mM EDTA)
Size	2mL, 5mL, 10mL
Matrix	Highly cross-linked agarose, 6%
Average particle size	20-50 μ m
Dynamic binding capacity	>330 nmol/ml gel

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Warning

Avoid strong oxidizing agents, avoid being frozen at 0 oC or below.

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