

Streptavidin Sepharose Purification Kit

Catalog Number LDG0014RD

Package 5 rxn / 10 rxn / Customized package

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Overview

Description

Affinity purified Streptavidin is conjugated to NHS-sepharose. It is an efficient technique for isolating biotinylated proteins. Streptavidin is a 52.8 kDa protein purified from the bacterium *Streptomyces avidinii*. Streptavidin homotetramers have an extraordinarily high affinity for Biotin. The Streptavidin sepharose can be used for affinity chromatography purifications assay development and immunoprecipitation. Streptavidin resins also can be used in the physical separation of two DNA strands produced in a polymerase chain reaction by incorporating biotin in one of the amplification polymers.

Product Note

The optimal protein concentration of the cell lysate should be determined by the end user.

Specifications

Application

Immunoprecipitation, Protein purification

Specificity

Streptavidin homotetramers have an extraordinarily high affinity for Biotin.

Binding capacity

The binding and elution capacity of 1 mL settled Streptavidin sepharose are commonly more than 5 mg of biotinylated protein.

Conjugation

Sepharose

Sample Type

Cell lysate

Instruction

Shipping

The product is shipped with polar packs. Upon receipt, store it immediately at 2-8°C.

Stability & Storage

This product is stable after storage at:

- 2-8°C for unopened product

Please refer to product manual for storage constructions

Disclaimer : For Research Use or Further Manufacturing Only.