



43-4341 2 ml
Streptavidin-
Sepharose 4B
Lot No.

STREPTAVIDIN-SEPHAROSE 4B CONJUGATE

FORM:

The product is packaged as a 50% suspension in 10 mM phosphate-buffered saline, pH 7.4, with 0.1% proclin. (4 ml suspension containing 2 ml streptavidin-Sepharose 4B gel).

Streptavidin (*Streptomyces avidinii*), a biotin binding protein with exceptionally strong binding affinity, is covalently coupled to Sepharose 4B*.

STREPTAVIDIN/AGAROSE RATIO:

~ 1 mg Streptavidin/ ml Sepharose gel.

CAPACITY:

One ml of gel is capable of binding approximately 1.5 to 2.5 mg biotinylated rabbit IgG.

APPLICATION:

Streptavidin-Sepharose 4B conjugate can be used to extract biotinylated molecules such as proteins, antibodies and nucleic acids. When biotinylated antibody is used in immunoprecipitation, researcher can use 50 to 100 µl of a 10% suspension for each sample. Upon boiling, the streptavidin tetramer may denature to show four subunits of ~15 kDa each.

STORAGE:

DO NOT FREEZE. Store at 4°C.

REMARKS: For research use only. Not for human or drug use. Product contains 0.1% proclin as a preservative.

*Trademark of Pharmacia.

www.invitrogen.com

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PI 434341

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