

## Streptavidin(nitrocellulose-binding,Liquid)

**Cat. No.** Streptavidin-929S    **Lot. No.** (See product label)

### SPECIFICATION

**Product Overview**      Streptomyces avidinii was first isolated from the broth culture of Streptomyces avidinii as a biotin binding protein. Similar to Avidin, streptavidin consists of four identical subunits in a tetramer, each of which can bind biotin, that is, one molecule of streptavidin can bind four molecules of biotin, and the binding force is very high (Kd~10-15). Compared with avidin, streptavidin has a low isoelectric point and does not contain a sugar group, so its non-specific binding is much lower than that of avidin when used in antigen-antibody detection systems.

**Species**      Streptomyces avidinii

**Source**      E.coli

**Tag**      Non

**Form**      20mM PB, pH7.4

**Bio-activity**       $\geq 16.0\text{U/mg}$ (1U is bound to 1 $\mu\text{g}$  biotin)

**Storage**      Store at 2-8°C, after packaging can be frozen below -20°C, but to avoid repeated freezing and thawing.

**Concentration**      5mg/mL

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