

Streptavidin(C-line)

Cat. No. Streptavidin-930S **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 ≥ 16.0 U/mg(1U is bound to 1 μ 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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