

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.
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Species	Streptomyces avidinii
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Source	E.coli
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Tag	Non
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Form	20mM PB, pH7.4
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Bio-activity	≥16.0U/mg(1U is bound to 1μg biotin)
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Storage	Store at 2-8°C, after packaging can be frozen below -20°C, but to avoid repeated freezing and thawing.
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Concentration	5mg/mL
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