Streptavidin

SA-5000-1

Product Images

Short Description

Streptavidin is a 60 kDa non-glycosylated protein composed of four identical subunits, each of which has a binding site for biotin. Our streptavidin is isolated from *Streptomyces avidinii* by a specific affinity system which results in a homogeneous, ultrapure streptavidin with very low nonspecific binding characteristics.

Unconjugated streptavidin is recommended for use in solid-phase assays and immunohistochemical applications when the technique of sequential addition of reagents (sandwich technique) is employed. This reagent has also been effectively employed in subtractive hybridization procedures.

Features:

- Resembles egg white avidin in its biotin binding properties
- In most applications streptavidin and avidin are interchangeable

Additional Information

Unit Size	1 mg
Applications	Immunohistochemistry / Immunocytochemistry, Immunofluorescence, ELISAs
Recommended Usage	Recommended method of reconstitution: dissolve in 10 mM phosphate, 0.15 M NaCl, pH 7.5. Reconstituted solutions of streptavidin may be preserved with 0.08% sodium azide. The recommended concentration range for use is 5-20 µg/ml.
Recommended Storage	2-8 °C
Conjugate	Unconjugated