



# STREPTAVIDIN

**SKU:** SA-5000-1



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## 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

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## SPECIFICATIONS

|                             |                                                                                                                                                                                                                                      |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>            | 1 mg                                                                                                                                                                                                                                 |
| <b>Storage Instructions</b> | 2-8 °C                                                                                                                                                                                                                               |
| <b>Usage Summary</b>        | 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. |
| <b>Applications</b>         | Immunohistochemistry / Immunocytochemistry, Immunofluorescence, ELISAs                                                                                                                                                               |
| <b>Conjugate</b>            | Unconjugated                                                                                                                                                                                                                         |

## CITATIONS



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## DOCUMENTS

- [Safety Data Sheet](#)
- [Download CoA](#)
- [Datasheet](#)

## GALLERY IMAGES



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