

# Streptavidin & Avidin Reagents

## Streptavidin

Catalog No.	Description	Purity
S1214	Affinity Purified Streptavidin (activity >15 units/mg)	≥95%

## Avidin

Catalog No.	Description	Purity
A1514	Egg White Avidin (activity >10 units/mg)	≥90%

## Streptavidin Conjugates

Catalog No.	Description
S1521	Streptavidin Alkaline Phosphatase
S1624	Streptavidin Horseradish Peroxidase

### STREPTAVIDIN

Streptavidin is a protein produced by the bacterium *Streptomyces avidinii* and isolated from fermentation filtrates. The protein is made up of four identical subunits, each bearing a binding site for biotin. Lot sizes of > 50 grams are purified by affinity chromatography. Conjugates are also available in bulk.

### AVIDIN

Avidin is a glycoprotein containing four essentially identical subunits, each of which forms an extremely tight complex with biotin. This affinity makes avidin useful in the construction of avidin/biotin-based assay formats. Avidin and biotin are routinely conjugated to indicator enzymes, such as horseradish peroxidase (HRP) and alkaline phosphatase, for use in assay development and production.

### STREPTAVIDIN CONJUGATES

Scripps Labs offers ready-to-use preparations of streptavidin already conjugated to alkaline phosphatase or HRP.