# **Streptavidin & Avidin Reagents**

## **Streptavidin**

Catalog No.

## Description

S1214

Affinity Purified Streptavidin (activity >15 units/mg)

**Purity** ≥95%

Purity

## **Avidin**

Catalog No. A1514

Egg White Avidin (activity >10 units/mg)

≥90%

## **Streptavidin Conjugates**

Description

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

### **STREPTAVIDIN**

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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 idenitcal 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.



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> Technical Product Summary TPS-StreptavidinAvidin-r2