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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Hormones - Cardiac Markers - Cancer Markers - Plasma & Tissue Proteins - Antibodies Enzymes & Biochemicals - Stabilizers & Substrates - Dilution Buffers These products are For Research Use or Further Manufacture Only.

> Technical Product Summary TPS-StreptavidinAvidin-r2