

Streptavidin Premium Grade

PE

Avidin - Biotin

Product Information

Product No.: S211

Storage: Sterile 2 to 8°C

Product Description

Background:

Streptavidin is a biotin binding protein present in the fermentation broth of the bacterium *Streptomyces avidinii*. Each molecule of streptavidin can bind four molecules of biotin with a high affinity constant ($K_d \sim 10^{-15}$). Unlike native avidin, streptavidin is not glycosylated and has a near neutral isoelectric point (pI ~ 5-6) vs a pI of 10 for native avidin.

Format:

R-phycoerythrin (PE)

Formulation

This R-phycoerythrin (R-PE) conjugate is formulated in 0.01 M phosphate buffered saline (150 mM NaCl) PBS pH 7.4, 1% BSA and 0.09% sodium azide as a preservative.

Storage and Stability

This PE conjugate is stable when stored at 2-8°C. **Do not freeze.**

Country of Origin

USA

References

- 1) Rowland-Jones, S. *et al.* (1999) *Blood*. 93(5):1506-10. [Article Link](#)