



Avidin [Biotin] (DAG4331)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Modified Affinity Purified Avidin, Biotin-Conjugated
Species	N/A
Conjugate	Biotin
Applications	Avidin-Biotin may be used in combination with biotin in various techniques such as ELISA, Western blotting, immunohistochemistry etc.
Reconstitution	We highly recommended to prepare a 1 mg/ml solution; Reconstitute using cold deionized pyrogen free water and mix gently until powder is completely dissolved.
Bio-activity	Binding activity of Avidin-Biotin is 10-15units/mg protein. One unit of Avidin activity is defined as the amount of protein which will bind 1ug d-biotin.
Format	lyophilized
Size	2 mg, 10 mg, 100 mg
Preservative	None
Storage	Store protein solution at 2-8°C.

BACKGROUND

Introduction	Avidin is a tetrameric biotin-binding protein produced in the oviducts of birds, reptiles and amphibians deposited in the whites of their eggs. In chicken egg white, avidin makes up approximately 0.05% of total protein (approximately 1.8 mg per egg). The tetrameric protein contains four identical subunits (homotetramer), each of which can bind to biotin (Vitamin B7, vitamin H) with a high degree of affinity and specificity.
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