

Modified Affinity Purified Avidin

Item Number	rAP-2614
Synonyms	Avidin, AVD, AVID.
Description	Avidin is a basic charged glycoprotein present in the egg white and in some extent in tissues of various animals. Avidin is a homotetrameric protein that contains 4 identical subunits which bind to Biotin with high extent of affinity and specificity consisting of 128 amino acids and has a molecular mass of about 67K Dal-
Uniprot Accesion Number	P02701
Amino Acid Sequence	
Source	
Physical Appearance and Stability	Lyophilized freeze dry Powder. Store protein solution at 2-8°C.
Formulation and Purity	Salt-free lyophilized powder with no preservative added.
Application	
Solubility	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.
Biological 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 1µg d-biotin.
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**