

Product datasheet for RA103F

Avidin Chicken Protein

Product data:

Product Type:	Native Proteins
Description:	Avidin chicken protein, 2 mg
Species:	Chicken
Protein Source:	Egg white
Concentration:	lot specific
Purity:	(Prepared from chromatographical pure Avidin).
Conjugation:	FITC
Buffer:	State: Lyophilized Buffer System: 0.02M Potassium Phosphate, 0.15M Sodium Chloride, pH 7.2 containing 10 mg/ml BSA (Immunoglobulin and Protease free) as stabilizer and 0.01% (w/v) Sodium Azide as preservative Label: Fluorescein isothiocyanate (FITC) (Molecular Weight 390 daltons) Absorption/Emission: 495 nm / 528 nm Fluorochrome/Protein Ratio: 2.0 moles FITC per mole of Avidin Presentation Label: FITC
Reconstitution Method:	Restore with 1.0 ml of deionized water (or equivalent). For extended storage mix product with glycerol to 50%.
Preparation:	Lyophilized
Applications:	This product is designed for Immunofluorescence microscopy, fluorescence based plate assays (FLISA) and Fluorescent Western blotting. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms. <u>Recommended Dilutions:</u> <u>FLISA: 1/10,000-1/50,000</u> <u>Immunofluorescence: 1/1,000-1/5,000.</u> <u>Flow Cytometry: 1/500-1/2,500.</u>
Protein Description:	Avidin Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Fluorescein and anti-Avidin. No reaction was observed against anti-Streptavidin.



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Storage:	Prior to reconstitution store at 2-8°C. Following reconstitution store the protein undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_990651
Locus ID:	396260
Summary:	avidin