

## Product datasheet for RA021T

### Streptavidin Protein

#### Product data:

Product Type:	Native Proteins
Description:	Streptavidin protein, 1 mg
Protein Source:	S. avidinii
Concentration:	lot specific
Purity:	Prepared from pure Streptavidin as determined by electrophoresis.
Conjugation:	Rhodamine
Buffer:	State: Lyophilized purified Ig fraction Buffer System: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 <b>Label:</b> Tetramethylrhodamine isothiocyanate (TRITC) (Molecular Weight 444 daltons). <u>Absorption/Emission Wavelength:</u> 550 nm/570 nm <u>FITC/Protein Ratio:</u> 2.7 moles TRITC per mole of Streptavidin. Preservative: 0.01% (w/v) Sodium Azide Stabilizer: 10 mg/ml BSA (IgG and Protease free) Presentation Label: Rhodamine
Reconstitution Method:	Restore with 1.0 ml of deionized water (or equivalent).
Preparation:	Lyophilized purified Ig fraction
Applications:	<b>FLISA:</b> 1/10,000 - 1/50,000. <b>Immunofluorescence:</b> 1/1,000-1/5,000. <b>Fluorescent Western blotting.</b>
Protein Description:	Rhodamine conjugated Streptavidin
Note:	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Streptavidin. No reaction was observed against anti-Avidin.
Storage:	Store vial at 2-8°C prior to restoration. For extended storage aliquot contents and freeze at -20°C or below. Centrifuge product if not completely clear after standing at room temperature. This product is stable for one month at 2-8°C as an undiluted liquid. Dilute only prior to immediate use. Avoid cycles of freezing and thawing.
Stability:	Shelf life: one year from despatch.



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