

RA103TR**Chicken Avidin - Texas Red**

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| Alternate names: | AVD |
| Quantity: | 2 mg |
| Concentration: | 2.0 mg/ml (by UV absorbance at 280 nm) |
| Background: | The biological function of avidin is not known. It is a homotetrameric glycoprotein found in chicken egg white, and forms a strong non covalent specific complex with biotin (one molecule of biotin per subunit of avidin). |
| Uniprot ID: | P02701 |
| NCBI: | NP_990651.1 |
| GeneID: | 396260 |
| Species: | Chicken |
| Source: | Egg white |
| Format: | State: Lyophilized Buffer System: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 containing 10 mg/ml Bovine Serum Albumin (BSA) as stabilizer and 0.01% (w/v) Sodium Azide as preservative Label: Texas Red(TM) Sulfonyl Chloride (Molecular Weight 625 daltons) Absorption/Emission: 596 nm / 620 nm Fluorochrome/Protein Ratio: 3.0 moles Texas Red per mole of Avidin Reconstitution: Restore with 1.0 ml of deionized water (or equivalent). For extended storage mix product with glycerol to 50%. |
| Applications: | Immunofluorescence. Flow Cytometry. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user. |
| Description: | Avidin |
| 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. Shelf life: one year from despatch. |