

Product Specification Sheet

Product: Cy3.5 Conjugated Affinity Purified anti-Biotin [Goat]

Code: 600-112-098

Lot # 7752

Size: 1.0 mg

Physical State: Lyophilized

Antibody Concentration: 1.0 mg/ml (by UV absorbance at 280 nm)

Label: Cy3.5 (Cyanine 3.5-OSu) (Molecular Weight 1,286 daltons)

Absorption Wavelength: 581 nm

Emission Wavelength: 596 nm

Fluorochrome/Protein Ratio: 2.6 moles Cy3.5 per mole of Goat IgG

Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Stabilizer: 10 mg/ml Bovine Serum Albumin (BSA) IgG and Protease free

Preservative: 0.01% (w/v) Sodium Azide

Application(s): Suitable for highly specific immunological methods requiring extremely low background levels, lot-to-lot consistency, high titer and specificity.

Recommended Dilution(s): Not specified. Optimal titers for applications should be determined by the researcher.

Storage Conditions: Store vial at 4° C prior to restoration. Restore with 1.0 ml of deionized water (or equivalent). For extended storage add glycerol to 50% and then aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. Expiration date is one (1) year from date of restoration.

Purity: This product was prepared from monospecific antiserum by immunoaffinity chromatography using Biotin coupled to agarose beads followed by chromatographic separation. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum, biotin conjugated Goat IgG and biotin conjugated BSA.

Immunogen: Biotin conjugated to Keyhole Limpet Hemocyanin (KLH)

Note: This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information.