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## PRODUCT SPECIFICATIONS

**Product:** Fluorescein (FITC)-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L)

**Code Number:** 111-095-003

**Lot Number:** 71922

**Physical State:** Freeze-dried powder

**Size:** 2.0 mg (This product has been overfilled to ensure total recovery of stated quantity.)

**Antibody Concentration:** 1.5 mg/ml

**Suggested Dilution Range:** 1:50 - 1:200 for most applications

**Fluorophore:** Fluorescein-5-isothiocyanate (FITC-isomer 1)  
Amax = 492 nm; Emax = 520 nm

**Fluorophore/Protein:** 8.5 µg/mg; 3.2 moles FITC per mole IgG

**Buffer:** 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6

**Stabilizer:** 15 mg/ml Bovine Serum Albumin (IgG-Free, Protease-Free)

**Preservative:** 0.05% Sodium Azide

**Reconstitution and Storage:** Store freeze-dried powder at 2-8°C. When ready to use, rehydrate with 1.5 ml d. water and centrifuge if not clear. Product is stable for about 6 weeks at 2-8°C as an undiluted liquid. Prepare working dilution fresh each day. For extended storage after rehydration, add an equal volume of glycerol (ACS grade or better) for a final concentration of 50%, and store at -20°C as a liquid. Note: after the addition of glycerol, the concentration of protein and buffer salts is one-half of the original. Alternatively, aliquot and freeze the product at -70°C or below in the absence of glycerol. Avoid repeated freezing and thawing.

**Expiration date:** one year from date of rehydration.

**Purity:** The antibody was purified from antisera by immunoaffinity chromatography using antigens coupled to agarose beads.

**Antibody Specificity:** Based on immunoelectrophoresis and/or ELISA, the antibody reacts with whole molecule rabbit IgG. It also reacts with the light chains of other rabbit immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. The antibody may cross-react with immunoglobulins from other species.

**Country of Origin:** USA

**Note:** For *in vitro* research use only, not for diagnostic or therapeutic use. This product is not a medical device.