

R1616TR**Polyclonal Antibody to Bovine IgG (H+L chain) - Texas Red**

Alternate names:	Bovine Immunoglobulin G
Quantity:	2 mg
Concentration:	2.0 mg/ml (before lyophil. by UV absorbance at 280 nm)
Host:	Goat
Immunogen:	Bovine IgG whole molecule.
Format:	State: Lyophilized purified IgG fraction. Purification: Immunoaffinity chromatography. Buffer System: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 containing 0.01% (w/v) Sodium Azide as preservative and 10 mg/ml Polyethylene Glycol (PEG-8000) as stabilizer. Label: Texas Red – - Sulfonyl Chloride (Molecular Weight 625 daltons) <i>Absorption / Emission:</i> 596 nm / 620 nm <i>Molar Ratio:</i> 5.0 moles Texas Red per mole of Goat IgG Reconstitution: Restore with 1.0 ml of deionized water (or equivalent).
Applications:	Suitable for Immunomicroscopy and Flow Cytometry or FACS analysis as well as other antibody based fluorescent assays requiring lot-to-lot consistency. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Bovine IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum, Bovine IgG and Bovine Serum.
Storage:	Store vial at 2-8°C prior to restoration. Restore with 1.0 ml of deionized water (or equivalent). 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. For extended storage reconstitute product with 50% glycerol instead of water and then aliquot contents and freeze at -20°C or below. Dilute only prior to immediate use. Avoid cycles of freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. J. Titus, P. Haugland, S. Sharrow, D. Segal J. Immunol. Methods 50; 193, 1982.