

**R1304F****Polyclonal Antibody to Bovine IgG (H+L chain) - FITC**

<b>Alternate names:</b>	Bovine Immunoglobulin G
<b>Quantity:</b>	2 mg
<b>Concentration:</b>	2.0 mg/ml (by UV absorbance at 280 nm)
<b>Host:</b>	Rabbit
<b>Immunogen:</b>	Bovine IgG, whole molecule
<b>Format:</b>	<b>State:</b> Lyophilized purified IgG fraction <b>Purification:</b> Immunoaffinity chromatography using Bovine IgG coupled to agarose beads followed by solid phase adsorptions to remove any unwanted reactivities <b>Buffer System:</b> 0.01 M Sodium Phosphate, 0.14 M Sodium Chloride, pH 7.4, with 0.01% (w/v) Thimerisol as preservative and 10 mg/ml Polyethylene Glycol (PEG mw 8,000) as stabilizer <b>Label:</b> FITC – Diaminotriazinylaminofluorescein (DTAF) (Molecular Weight 530 daltons) which has identical fluorescence properties as <i>Absorption / Emission:</i> 495 nm / 528 nm <i>Molar Ratio:</i> 4.2 moles DTAF per mole of Rabbit IgG <b>Reconstitution:</b> Restore with 1.0 ml of deionized water or equivalent.
<b>Applications:</b>	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.
<b>Specificity:</b>	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Fluorescein, anti-Rabbit Serum, Bovine IgG, Bovine IgG and Bovine Serum.
<b>Storage:</b>	Store vial at 2-8°C prior to restoration. Restore with 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. Avoid repeated freezing and thawing. Dilute only prior to immediate use. Shelf life: one year from despatch.
<b>General Readings:</b>	Blakeslee & Baines, J. Immunol. Methods 13; 305-320, 1976. (Conjugation)