

R1399F**F(ab')₂ Fragment of Goat anti-Human IgG, IgA, IgM [H&L] -FITC-**

Alternate names:	Human IgA, Human IgG, Human IgM
Quantity:	1 mg
Concentration:	1.0 mg/ml (by UV absorbance at 280 nm)
Host:	Goat
Immunogen:	Human IgG, IgA, and IgM whole molecules
Format:	State: Lyophilized F(ab') ₂ fragments Purification: Immunoaffinity chromatography Buffer System: 0.01M Sodium Phosphate, 0.25M Sodium Chloride, pH 7.6 with 10 mg/ml BSA (IgG and Protease free as stabilizer and 0.01% (w/v) Sodium Azide as preservative. Label: FITC – Fluorescein isothiocyanate (Molecular Weight 390 daltons) <i>Absorption / Emission:</i> 495 nm / 528 nm <i>Molar Ratio:</i> 6.0 moles FITC per mole of Goat IgG F(ab') ₂ . 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 extremely low background levels, absence of F(c) mediated binding, lot-to-lot consistency, high titer and specificity. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This product was prepared from polyspecific antiserum by Immunoaffinity chromatography using antigens 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-Fluorescein and anti-Goat Serum. No reaction was observed against anti-Goat IgG F(c), anti-Pepsin or Mouse Serum Proteins. This product is suitable for the detection of all Human immunoglobulin classes, isotypes and chain combinations.
Storage:	Store vial at 2-8°C prior to restoration. For extended storage add glycerol to 50% and then aliquot contents and freeze at -20°C or below. Centrifuge product if not completely clear after standing at room temperature. This antibody is stable for one month at 2-8°C as an undiluted liquid. Dilute only prior to immediate use. Avoid repeated freezing and thawing. Shelf life: One year from despatch.
General Readings:	1. The and Feltkamp, Immunology 18; 865, 1970.