

R1399AP**F(ab')₂ Fragment of Goat anti-Human G, IgA, IgM [H&L] -AP-**

Alternate names:	Human IgA, Human IgG, Human IgM
Quantity:	0.5 mg
Concentration:	0.5 mg/ml (by UV absorbance at 280 nm)
Host:	Goat
Immunogen:	Human IgG whole molecule
Format:	State: Liquid (sterile filtered) F(ab') ₂ fragments Purification: Immunoaffinity chromatography Buffer System: 0.01M Tris Chloride, 0.15M Sodium Chloride, 0.001M Magnesium Chloride, 0.0001M Zinc Chloride, 50% (v/v) Glycerol; pH 8.0 with 10 mg/ml BSA (IgG and Protease free) as stabilizer and 0.01% (w/v) sodium azide as preservative. Label: AP – Alkaline Phosphatase (Calf Intestine) (Molecular Weight 140,000 daltons)
Applications:	Suitable for Immunoblotting (Western or dot blot), ELISA and immunohistochemistry as well as other phosphatase-antibody based enzymatic assays requiring extremely low background levels, absence of F(c) mediated binding, lot-to-lot consistency, high titer and specificity. This product has been assayed against 1.0 ug of Human IgG in a standard capture ELISA using pNPP p-nitrophenyl phosphate as a substrate for 30 minutes at room temperature. A working dilution of 1:1,000 to 1:5,000 of the reconstitution concentration is suggested for this product. 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 Human IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities, pepsin digestion and chromatographic separation. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Alkaline Phosphatase and anti-Goat Serum. This reagent is suitable for the detection of all human immunoglobulins and chain combinations. No reaction was observed against anti-Pepsin, anti-Goat IgG F(c) or Mouse Serum Proteins.
Storage:	This antibody is stable at 2-8°C as an undiluted liquid. DO NOT FREEZE! Store reagent in the dark. Use subdued lighting during handling and incubation of cells prior to analysis. Dilute only prior to immediate use. Shelf life: One year from despatch.
General Readings:	1. Modified from Avarames and Ternyrock, Immunochemistry 32; 1175 1971.