

R1343AP**Polyclonal Antibody to Human IgG, IgA, IgM [H&L] -AP-**

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 molecule.
Format:	State: Liquid (sterile filtered) purified Ig fraction. Purification: Immunoaffinity chromatography. Buffer System: 0.05M Tris Chloride, 0.15M Sodium Chloride, 0.001M Magnesium Chloride, 0.0001M Zinc Chloride, 50% (v/v) Glycerol; pH 8.0, containing 10 mg/ml Bovine Serum Albumin (BSA, IgG and Protease free) and 0.01% (w/v) Sodium Azide Label: AP – Alkaline Phosphatase (Calf Intestine) (Molecular Weight 140,000 daltons)
Applications:	Suitable for immunoblotting (western blot: 1/500-1/3,000, dot blot), ELISA (1/2,000-1/10,000) and immunohistochemistry as well as other phosphatase-antibody based enzymatic 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 Human 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-Alkaline Phosphatase (calf intestine) and anti-Goat Serum. This reagent is suitable for the detection of all human immunoglobulin isotypes, subclasses and chain combinations.
Storage:	Store the antibody (undiluted) at 2-8°C. DO NOT FREEZE! Freezing alkaline phosphatase conjugates will result in a substantial loss of enzymatic activity. Dilute only prior to immediate use. Shelf life: one year from despatch.
General Readings:	Modified from Avrameas and Ternyrook, Immunochemistry 32; 1175 1971 (conjugation).