

**R1399HRP****F(ab')<sub>2</sub> Fragment of Goat anti-Human IgG, IgA, IgM [H&L] - HRP**

<b>Alternate names:</b>	Human IgA, Human IgG, Human IgM
<b>Quantity:</b>	0.5 mg
<b>Concentration:</b>	0.5 mg/ml (by UV absorbance at 280 nm)
<b>Host:</b>	Goat
<b>Immunogen:</b>	Human IgG, IgA, and IgM whole molecules
<b>Format:</b>	<b>State:</b> Lyophilized F(ab') <sub>2</sub> fragments <b>Purification:</b> Prepared from polyspecific antiserum by Immunoaffinity Chromatography using antigens coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. <b>Buffer System:</b> 0.02M Potassium Phosphate, 0.15M Sodium Chloride, pH 7.2 <b>Preservatives:</b> 0.01% (w/v) Gentamicin Sulfate <b>Stabilizers:</b> 10 mg/ml BSA (Ig and Protease free) <b>Label:</b> HRP – Horseradish Peroxidase <b>Reconstitution:</b> Restore with 0.5 ml of deionized water (or equivalent).
<b>Applications:</b>	Suitable for Immunoblotting (Western: 1/1,000-1/10,000 or dot blot), ELISA (1/10,000-1/50,000), immunoperoxidase electron microscopy and Immunohistochemistry (1/500-1/2,500) as well as other peroxidase-antibody based enzymatic assays requiring lot-to-lot consistency. This product has been assayed against 1.0 µg of Human IgG in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1/2,000 to 1/8,000 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.
<b>Specificity:</b>	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase and anti-Goat Serum. No reaction was observed against anti-Goat IgG F(c) or Mouse Serum Proteins. This product is suitable for the detection of all Human immunoglobulin classes, isotypes and chain combinations.
<b>Storage:</b>	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>Caution:</b>	<b>Do NOT add Sodium Azide!</b>
<b>General Readings:</b>	1. Farr & Nakane, J. Immunol. Methods 47; 129-144. 1981.