

**RA036**      **Human IgG (Fc) Fragment**

<b>Alternate names:</b>	Human Immunoglobulin G
<b>Quantity:</b>	1 mg
<b>Concentration:</b>	2.0 mg/ml (by UV absorbance at 280 nm, E0.1% of 1.41)
<b>Species:</b>	Human
<b>Source:</b>	Serum
<b>Format:</b>	<b>State:</b> Liquid (sterile filtered) purified fraction. <b>Purity:</b> pure. <b>Buffer System:</b> 0.02M Potassium Phosphate, 0.15M Sodium Chloride, pH 7.2, with 0.01% (w/v) Sodium Azide as preservative.
<b>Applications:</b>	Suitable for use as antigen or ligand in immunochemical reactions, as a Control or Standard in assays, for conjugation and most other immunological methods requiring highly purified immunoglobulins. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Description:</b>	This product was prepared from normal serum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography and papain digestion followed by chromatographic separation and extensive dialysis against the buffer stated above. Assay by Immunoelectrophoresis resulted in a single precipitin arc against anti-Human Serum, anti-Human IgG and anti-Human IgG F(c). No reaction was observed against anti-Human IgG F(ab') <sub>2</sub> or anti-Papain.
<b>Storage:</b>	This product is stable at 2-8°C as an undiluted liquid for one month. Dilute only prior to immediate use. For extended storage mix liquid with an equal volume of glycerol, aliquot contents and freeze at -20°C or below. Avoid cycles of freezing and thawing. Shelf life: one year from despatch.
<b>Caution:</b>	Source material for the human blood product supplied to your facility has been tested for the detection of HIV antibody, Hepatitis B surface antigen, antibody to Hepatitis C, HIV 1 antigen(s), antibody to HTLV - I/II, and syphilis with FDA approved test kits. All units were found to be non-reactive/negative for these tests. Nevertheless, all products from human blood sources should be handled as potentially infectious.