

Product datasheet for **RA036B**

Human IgG (F(c) Fragment) Human Protein

Product data:

Product Type:	Native Proteins
Description:	Human IgG F(c) Fragment human protein, 1 mg
Species:	Human
Protein Source:	Serum
Concentration:	lot specific
Conjugation:	Biotin
Buffer:	State: Lyophilized purified serum Buffer System: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, with 10mg/ml BSA (IgG and protease free) as stabilizer and 0.01% (w/v) Sodium Azide as preservative. Presentation Label: Biotin
Reconstitution Method:	Restore with 1.0 ml water of deionized water (or equivalent).
Preparation:	Lyophilized purified serum
Applications:	Suitable for use in immunoblotting, ELISA, IHC, immunomicroscopy as well as other antibody based assays using streptavidin or avidin conjugates.
Protein Description:	This product was prepared from normal serum by a multi-step process which includes delipidation, salt fractionation, ion exchange chromatography followed by papain digestion and extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-biotin, anti-Human Serum, anti-Human IgG and anti-Human IgG F(c). No reaction was observed against anti- Human IgG F(ab') ₂ or anti-Papain.
Note:	Caution: 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.
Storage:	Store vial at 2-8°C prior to opening. 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.



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Stability:	Shelf life: one year from despatch.
Locus ID:	109864281
Cytogenetics:	21p11.2
Synonyms:	Human Immunoglobulin G
Summary:	<p>45S ribosomal DNA (rDNA) arrays, or clusters, are present on human chromosomes 13, 14, 15, 21 and 22, designated RNR1 through RNR5, respectively. Each cluster consists of multiple 45S rDNA repeat units that vary in number among individuals and chromosomes, with total diploid copy number estimates ranging from 60 to >800 repeat units in a human genome. The 45S rDNA repeat unit encodes a 45S rRNA precursor, transcribed by RNA polymerase I, which is processed to form the 18S, 5.8S and 28S rRNAs. This gene represents a copy of the 5.8S ribosomal RNA on chromosome 21. [provided by RefSeq, Mar 2017]</p>
Protein Families:	Suitable for use in immunoblotting, ELISA, IHC, immunomicroscopy as well as other antibody based assays using streptavidin or avidin conjugates.