

**HUMAN IgG F(c) fragment Biotin conjugated - 009-0603**
**Code:** 009-0603

**Size:** 1 mg

**Product Description:** HUMAN IgG F(c) fragment Biotin conjugated - 009-0603

**Concentration:** 1.0 mg/mL by UV absorbance at 280 nm

**PhysicalState:** Lyophilized

<b>Label</b>	Biotin
<b>Buffer</b>	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
<b>Reconstitution Volume</b>	1.0 mL
<b>Reconstitution Buffer</b>	Restore with deionized water (or equivalent)
<b>Stabilizer</b>	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
<b>Preservative</b>	0.01% (w/v) Sodium Azide
<b>Storage Condition</b>	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. Human IgG F(c) fragment Biotin conjugated is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
<b>Synonyms</b>	Human Immunoglobulin G F(c) fragment, IgG Fc, Vitamin H, Coenzyme R
<b>Application Note</b>	Human IgG F(c) fragment Biotin conjugated can be utilized as a control reagent in both Western Blotting and ELISA format experiments.
<b>Background</b>	Human IgG Fc purified protein is a proteolytic fragment of immunoglobulin G (IgG) obtained by limited digestion with the enzyme papain under controlled conditions of temperature, time and pH. Receptors bind the Fc portion of Human IgG and often this fragment is removed from immunoglobulins to minimize receptor binding and lower background reactivity.
<b>Purity And Specificity</b>	Human IgG F(c) fragment Biotin conjugated was prepared from normal serum 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 IgG, anti-Human IgG F(c) and anti-Human Serum. No reaction was observed against anti-Human IgG F(ab') <sub>2</sub> or anti-Papain.
<b>Assay Dilutions</b>	User Optimized
<b>ELISA</b>	1:5000-1:50,000
<b>Western Blot</b>	1:1000
<b>Immunohistochemistry</b>	1:500
<b>Other Assays</b>	User Optimized
<b>Expiration</b>	Expiration date is one (1) year from date of opening.

**Related Products**

010-0603	MOUSE IgG F(c) fragment Biotin conjugated - 010-0603
011-0603	RABBIT IgG F(c) fragment Biotin conjugated - 011-0603
012-0603	RAT IgG F(c) fragment Biotin conjugated - 012-0603
109-1103	Anti-HUMAN IgG F(c) (GOAT) Antibody - 109-1103

**Disclaimer**

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