



MP Biomedicals, LLC

29525 Fountain Parkway  
Solon, Ohio 44139

Telephone: 440/337-1200  
Toll Free: 800/854-0530  
Fax: 440/337-1180  
mailto: [biotech@mpbio.com](mailto:biotech@mpbio.com)  
web: <http://www.mpbio.com>

## TECHNICAL INFORMATION

# cappel

Catalog Number: 55909  
**Purified Human IgG Fab**

**DESCRIPTION:** Product is the lyophilized powder of human IgG Fab and buffer salts.

Human IgG Fab fragment is prepared from human IgG by limited digestion with papain, and purified by ion-exchange, gel filtration, or affinity chromatography. The product is dialyzed into 0.01M sodium phosphate, 0.07M sodium chloride, pH 7.3, filtered through a 0.22 µm filter, vialled and lyophilized.

**SPECIFICATIONS:** The product is tested for purity at a minimum of 20 mg/ml using immunoelectrophoresis. The product is human IgG Fab; no trace of IgG Fc, IgA, IgM or non-immunoglobulin serum proteins is detected.

The total protein is determined using the Biuret procedure, with bovine albumin as the standard. Each vial is overfilled by approximately 10 percent so that a minimum of 10 mg of human IgG Fab is obtained upon reconstitution.

**RECONSTITUTION:** Reconstitute product with 2 ml of deionized or distilled water. Gentle swirling may be used to speed rehydration. Avoid vigorous shaking of the reconstituted material.

**WARNING AND CAUTION:**

**All blood products should be treated as potentially infectious. Source material from which this product was derived was found negative when tested in accordance with current FDA required tests. No known test methods can offer assurance that products derived from human blood will not transmit infectious agents.**

**RELATED PRODUCT ORDERING INFORMATION:**

Catalog #DescriptionSize

55090GOAT ANTI-HUMAN IGG FAB2ML

55010IGG GOAT ANTI-HUMAN IGG FAB5ML

55147FITC GOAT ANTI-HUMAN IGG FAB2ML

55223HRP GOAT ANTI-HUMAN IGG FAB 2ML

55908PURIFIED HUMAN IGG50MG

55910PURIFIED HUMAN IGG F(AB')<sub>2</sub>10MG

55911PURIFIED HUMAN IGG FC 10MG

**Note:** This product may contain a preservative such as sodium azide, thimerosal or proclin. Please see lot specific chemical credential for preservative information.

[If a titer/working dilution is not given above, please click here to see a general dilution chart for working with antibodies. Please note that the general dilution chart should only be used as a guideline. Each lab should determine their own optimal working dilution.](#)

[Will this antibody work with your application? Please click here to see a general chart of antibody applications. Please note that any information given above is primary application data. The general applications charts should only be used as a reference.](#)