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## TECHNICAL INFORMATION

cappel

**PURIFIED HUMAN IGG FAB**  
**10MG**  
Catalog #: 55909  
Lot #: 07157

Total Protein: 5.24 mg/ml  
Volume: 2 ml

### 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. No preservative has been added.

### 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.

### EXPIRATION DATE:

6/30/2019

### 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.

### STORAGE:

Store unopened product at 2-8°C. Store reconstituted material no longer than a few days at 2-8°C unless sodium azide is added. For long-term storage, aliquot and freeze at -20°C.

### WARNING AND CAUTION:

This product is intended **FOR RESEARCH USE ONLY**, not for use in diagnostic or therapeutic procedures involving humans or animals.

**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')210MG

55911PURIFIED HUMAN IGG FC 10MG

**For other purified proteins, unconjugated antibodies, fluorochrome, enzyme and biotin conjugated antibodies, and peroxidase substrates, please see our catalog.**

*Christina Marotta*

Approved by: *Christina Marotta*  
Quality Control Director

TO PLACE AN ORDER IN THE U.S., PLEASE CALL 800-854-0530  
OR TO OBTAIN TECHNICAL ASSISTANCE IN THE U.S., PLEASE CALL 800-279-5490  
OUTSIDE THE U.S., CONTACT YOUR LOCAL DISTRIBUTOR.