



**MP Biomedicals, LLC.**

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# cappel

**PURIFIED HUMAN IGG**

**50MG**

**Catalog #: 55908**

**Lot #: 01851**

Total Protein: 17.1 mg/ml

Volume: 3.0 ml

## **DESCRIPTION:**

Product is the lyophilized powder of human IgG and buffer salts.

Human IgG is purified from pooled human serum using multi-step procedures which may include salt fractionation, gel filtration, ion-exchange chromatography and immunoabsorption. 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.

## **USES:**

This product is suitable for use as a positive control in antibody identification screening techniques, and is recommended as an ELISA coating antigen and control.

See **Related Product Ordering Information**.

## **SPECIFICATIONS:**

The product is tested for purity at a minimum of 20 mg/ml using immunoelectrophoresis. The product is human IgG; no trace of 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 5 percent so that a minimum of 50 mg of human IgG is obtained upon reconstitution.

## **RECONSTITUTION:**

Reconstitute product with 3 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 #   Description   Size

|       |  |     |
|-------|--|-----|
| 55087 | GOAT ANTI-HUMAN IGG (WHOLE MOLECULE)                     | 2ML |
| 55088 | RABBIT ANTI-HUMAN IGG (WHOLE MOLECULE)                   | 2ML |
| 55007 | IGG GOAT ANTI-HUMAN IGG (WHOLE MOLECULE)                 | 5ML |
| 55008 | IGG RABBIT ANTI-HUMAN IGG (WHOLE MOLECULE)               | 5ML |
| 55009 | IGG SHEEP ANTI-HUMAN IGG (WHOLE MOLECULE)                | 5ML |
| 55049 | F(AB') <sub>2</sub> GOAT ANTI-HUMAN IGG (WHOLE MOLECULE) | 2ML |
| 55067 | FAB GOAT ANTI-HUMAN IGG (WHOLE MOLECULE)                 | 5ML |
| 55070 | AFF.PUR. GOAT ANTI-HUMAN IGG (WHOLE MOLECULE)            | 2MG |
| 55075 | AFF.PUR. F(AB') <sub>2</sub> GOAT ANTI-HUMAN IGG (WM)    | 2MG |
| 59394 | SHEEP ANTI-HUMAN IGG1                                    | 1ML |
| 59395 | SHEEP ANTI-HUMAN IGG2                                    | 1ML |
| 59396 | SHEEP ANTI-HUMAN IGG3                                    | 1ML |
| 59397 | SHEEP ANTI-HUMAN IGG4                                    | 1ML |
| 59398 | PURIFIED MOUSE MONOCLONAL ANTI-HUMAN IGG1                | 1MG |
| 59399 | PURIFIED MOUSE MONOCLONAL ANTI-HUMAN IGG2                | 1MG |
| 59400 | PURIFIED MOUSE MONOCLONAL ANTI-HUMAN IGG3                | 1MG |
| 59401 | PURIFIED MOUSE MONOCLONAL ANTI-HUMAN IGG4                | 1MG |

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

  
Approved by: Joseph Dietz, Ph.D.  
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.**