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# cappel

**PURIFIED HUMAN GAMMA GLOBULIN**

**100MG**

**Catalog #: 55838**

**Lot #: 01717**

Total Protein: 18.5 mg/ml

Volume: 6 ml

## **DESCRIPTION:**

Product is the lyophilized powder of human gamma globulin and buffer salts.

Human gamma globulin is purified from pooled human serum using multi-step procedures which may include salt fractionation, ion-exchange chromatography and immunoabsorption. The product is dialyzed into 0.01M sodium phosphate, with 0.07M sodium chloride, pH 7.3, filtered through a 0.22  $\mu$ m filter, vialled and lyophilized. No preservative has been added.

## **USES:**

This product is suitable for use as a carrier protein in secondary antibody systems, e.g., radioimmunoassay. Purified proteins are recommended as ELISA coating antigens and as controls.

See **Related Product Ordering Information**.

## **SPECIFICATIONS:**

The product is tested for purity at a minimum of 20 mg/ml using immunoelectrophoresis. The product is primarily human IgG, IgA, IgM.

The total protein is determined using the Biuret procedure, with bovine albumin as the standard. Each vial is over filled by approximately 10 per cent so that a minimum of 100 mg of human gamma globulin is obtained upon reconstitution.

## **RECONSTITUTION:**

Reconstitute product with 6 ml of deionized or distilled water. Gentle swirling may be used to speed rehydration. Avoid vigorous shaking of the constituted 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

55127 GOAT ANTI-HUMAN GAMMA GLOBULIN 5ML  
55100 GOAT ANTI-HUMAN IMMUNOGLOBULINS (G,A,M) 2ML  
55087 GOAT ANTI-HUMAN IGG (WHOLE MOLECULE) 2ML  
55082 GOAT ANTI-HUMAN IGA (Å CHAIN) 2ML  
55097 GOAT ANTI-HUMAN IGM (5 FC µ) 2ML  
55020 IGG GOAT ANTI-HUMAN IMMUNOGLOBULINS (G,A,M) 5ML  
55007 IGG GOAT ANTI-HUMAN IGG (WHOLE MOLECULE) 5ML  
55003 IGG GOAT ANTI-HUMAN IGA (Å CHAIN) 5ML  
55017 IGG GOAT ANTI-HUMAN IGM (5FC µ) 5ML  
55908 PURIFIED HUMAN IGG 50MG  
55906 PURIFIED HUMAN SERUM IGA 5MG  
55916 PURIFIED HUMAN IGM 5MG

**For unconjugated antibodies, fluorochrome, enzyme and biotin conjugated antibodies to human serum proteins, and peroxidase substrates, please see our catalog.**

  
Approved by: Joseph Dietz, Ph.D.  
Quality Control Director

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OR TO OBTAIN TECHNICAL ASSISTANCE IN THE U.S., PLEASE CALL 800-279-5490  
OUTSIDE THE U.S., CONTACT YOUR LOCAL DISTRIBUTOR.**