



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: 55916C  
**Purified Human Igm**

**DESCRIPTION:** Product is human IgM and buffer salts.

Human IgM is purified from human myeloma 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  $\mu$ m filter and vialled.

**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 IgM; no trace of IgG, IgA 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 5 mg of human IgM is recovered.

**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

55097 GOAT ANTI-HUMAN IGM (5FC  $\mu$ )2ML  
55017 IGG GOAT ANTI-HUMAN IGM (5FC  $\mu$ )5ML  
55055 F(AB')<sub>2</sub> GOAT ANTI-HUMAN IGM (5FC  $\mu$ )2ML  
55073 AFF.PUR. GOAT ANTI-HUMAN IGM (5FC  $\mu$ ) 2MG  
55098 RABBIT ANTI-HUMAN IGM (5FC  $\mu$ )2ML  
55018 IGG RABBIT ANTI-HUMAN IGM (5FC  $\mu$ )5ML  
55056 F(AB')<sub>2</sub> RABBIT ANTI-HUMAN IGM (5FC  $\mu$ )2ML  
55154 FITC RABBIT ANTI-HUMAN IGM (5FC  $\mu$ )2ML  
55229 HRP RABBIT ANTI-HUMAN IGM (5FC  $\mu$ )2ML

**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.](#)