



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

Catalog Number: 55933  
**Purified Hamster IgG**

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

Hamster IgG is purified from pooled hamster 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.

**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**.

### SUGGESTED WORKING DILUTIONS:

#### Indirect Systems

Immunoblotting 1:100 - 1:500  
Elisa 1:400 - 1:2,000

**It is recommended that each lab obtain their own optimal working dilution for each assay.**

**SPECIFICATIONS:** The product is tested for purity at a minimum of 20 mg/ml using immunoelectrophoresis. The product is hamster IgG; no trace of 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 20 mg of hamster IgG 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.

### RELATED PRODUCT ORDERING INFORMATION:

Catalog #DescriptionSize

55394 GOAT ANTI-HAMSTER IGG (WHOLE MOLECULE)2ML  
55395 RABBIT ANTI-HAMSTER IGG (WHOLE MOLECULE)2ML  
55397 IGG GOAT ANTI-HAMSTER IGG (WHOLE MOLECULE)5ML  
55398 IGG RABBIT ANTI-HAMSTER IGG (WHOLE MOLECULE)5ML  
55400 FITC GOAT ANTI-HAMSTER IGG (WHOLE MOLECULE)2ML  
55401 FITC RABBIT ANTI-HAMSTER IGG (WHOLE MOLECULE)2ML  
55402 HRP GOAT ANTI-HAMSTER IGG (WHOLE MOLECULE)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.](#)