



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
web: www.mpbio.com

cappel

**RABBIT IGG FRACTION TO
HUMAN RED BLOOD CELLS - 5ML**

Catalog #: 55042

Lot #: 01661

Total Protein: 23.9 mg/ml
Hemagglutination Titer: 1:6,400

DESCRIPTION:

Product is the lyophilized powder of rabbit IgG fraction to human red blood cells and buffer salts.

The IgG fraction is prepared from the specific rabbit antiserum by delipidation, ammonium sulfate fractionation and anion exchange chromatography. The resulting IgG fraction is dialyzed into 0.02M sodium phosphate, 0.14M sodium chloride, pH 7.3, adjusted to standard titer, filtered through a 0.22 μ m filter, vialled and lyophilized. No preservative is added.

USES:

This product is suitable for sensitizing cells in hemolytic complement assays, and for lymphocyte screening procedures, especially screening for T cells and T receptor-bearing lymphocytes.

This product is suitable for conjugation with enzymes, radiolabels, fluorochromes or other markers.

See **Related Product Ordering Information**.

SPECIFICATIONS:

The total protein is measured using the Biuret procedure, with bovine albumin as a standard. Hemagglutination titer is standardized with an in-house control by measurement of agglutination end-point with 10% human red blood cells. Each IgG fraction is tested for purity at a minimum of 40 mg/ml using immunoelectrophoresis. The product is mostly rabbit IgG; no trace of albumin is detected.

RECONSTITUTION:

Reconstitute product with 5.0 ml of deionized or distilled water. Gentle swirling may be used to speed rehydration. Avoid vigorous shaking of the reconstituted material.

STORAGE:

Store lyophilized product at 2-8°C. Store reconstituted material no longer than 1-2 days at 2-8°C, unless preservative is added. For long term storage, aliquot and store reconstituted product frozen at -20°C or lower.

WARNING AND CAUTION:

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

RELATED PRODUCT ORDERING INFORMATION:

Catalog # Description Size

55133 RABBIT ANTI-HUMAN RED BLOOD CELLS 2ML


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.