



**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

**WHOLE HUMAN SERUM - 2ML**

**Catalog #: 55979**

**Lot #: 07978**

Total Protein: 62.4 mg/ml

## **DESCRIPTION:**

Product is whole human serum and buffer salts.

The serum is delipidated, dialyzed into 0.02M sodium phosphate, 0.14M sodium chloride, pH 7.3, with 0.05% sodium azide, filtered through a 0.22  $\mu$ m filter, vialled and lyophilized.

## **USES:**

This product is suitable for use as a serum protein control in immunoelectrophoresis, Ouchterlony immunodiffusion, and other immunoprecipitation techniques. It may also be used as a blocking agent in fluorescence and enzyme immunoassays.

## **SPECIFICATIONS:**

The total protein is measured using the Biuret procedure, with bovine albumin as the standard. The product gives a spectrum of normal serum precipitin arcs when tested by immunoelectrophoresis with anti-human serum.

See **Related Product Ordering Information**.

## **EXPIRATION DATE:**

1/31/2025

## **RECONSTITUTION:**

Reconstitute product with 2.0 ml of deionized or distilled water. Gentle swirling may be used to speed rehydration. Avoid vigorous shaking of the reconstituted material.

## **STORAGE:**

Store product at 2-8°C. Store reconstituted material no longer than 4 weeks at 2-8°C. For long-term storage, aliquot and freeze reconstituted product 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.

This product contains sodium azide. To prevent formation of toxic vapors, do not mix with strongly acidic solutions. To prevent formation of potentially explosive metallic azides in metal plumbing, always wash into drain with copious quantities of water.

**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:**

<u>Catalog #</u>	<u>Description</u>	<u>Size</u>
55136	GOAT ANTI-HUMAN SERUM	2ML
55137	RABBIT ANTI-HUMAN SERUM	2ML
55996	GOAT ANTI-HUMAN SERUM (FORENSIC)	2ML
55997	RABBIT ANTI-HUMAN SERUM (FORENSIC)	2ML
55830	ID DISCS PATTERN-A WITH INDICATOR	20EA
55831	ID DISCS PATTERN-A WITHOUT INDICATOR	20EA

**For other forensic antisera, please see our catalog.**



**Approved by:** *John Huang, PhD*  
Quality Control Manager

**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.**