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# cappel

**RABBIT ANTISERUM TO  
HUMAN RED BLOOD CELLS - 2ML**

**Catalog #: 55133**

**Lot #: 33368**

Total Protein: 62.9 mg/ml  
Hemagglutination Titer: 1:1600

## DESCRIPTION:

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

The antiserum is prepared by hyperimmunizing rabbits with human red blood cells; antiserum is delipidated and made specific by solid-phase absorption. The resulting antiserum is dialyzed into 0.02M sodium phosphate, 0.14M sodium chloride, pH 7.3, with 0.05% sodium azide, adjusted to standard titer, filtered through a 0.22  $\mu$ m filter, vialled and lyophilized.

## USES:

This product is suitable for sensitizing cells in hemolytic complement assays, and for lymphocyte screening procedures.

(Note: IgG fractions are suitable for conjugation with enzymes, radiolabels, fluorochromes or other markers See **Related Product Ordering Information** for these products.)

## 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.

## 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 lyophilized 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.

**RELATED PRODUCT ORDERING INFORMATION:**

Catalog #   Description   Size

55042   IGG RABBIT ANTI-HUMAN RED BLOOD CELLS   5ML

  
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**  
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