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# cappel

## FLUORESCHEIN-CONJUGATED HUMAN ALBUMIN

**25MG**

**Catalog #: 55883**

**Lot #: 03637**

Total Protein: 13.4 mg/ml

Volume: 2 ml

F/P Ratio: 9.89 mg/g

### DESCRIPTION:

Product is the lyophilized powder of fluorescein-5-isothiocyanate (FITC "Isomer I")-conjugated human albumin and buffer salts.

Human albumin and FITC are conjugated under defined conditions to obtain the optimal F/P ratio. Conjugated protein is purified by gel filtration. The product is in 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.

See **Related Product Ordering Information**.

### SPECIFICATIONS:

The product is tested for purity at a minimum of 20 mg/ml using immunoelectrophoresis. No trace of other serum proteins is detected.

The total protein is measured using the Biuret procedure, with bovine albumin as the standard; F/P ratio is calculated using absorbance at 491.5nm. Each vial is overfilled by approximately 10 percent so that a minimum of 25 mg of FITC-conjugated human albumin 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.

### STORAGE:

Store unopened product at 2-8°C. Store reconstituted material no longer than 4 weeks at 2-8°C. For long-term storage, aliquot and freeze at -20°C.

### WARNING AND CAUTION:

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

**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.**

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

55109 (01010341)	GOAT ANTI-HUMAN ALBUMIN	2ML
55028 (02010341)	IGG GOAT ANTI-HUMAN ALBUMIN	5ML
55061 (03010341)	F(AB') <sub>2</sub> GOAT ANTI-HUMAN ALBUMIN	2ML
55162 (12010341)	FITC GOAT ANTI-HUMAN ALBUMIN	2ML
55190 (13010341)	FITC F(AB') <sub>2</sub> GOAT ANTI-HUMAN ALBUMIN	2ML
55235 (32010341)	HRP GOAT ANTI-HUMAN ALBUMIN	2ML
55110 (01010342)	RABBIT ANTI-HUMAN ALBUMIN	2ML
55029 (02010342)	IGG RABBIT ANTI-HUMAN ALBUMIN	5ML
55163 (12010341)	FITC RABBIT ANTI-HUMAN ALBUMIN	2ML
55912 (60010340)	PURIFIED HUMAN ALBUMIN	50MG

**For other unconjugated antibodies, and fluorochrome, enzyme and biotin conjugated antibodies, and peroxidase substrates, please see our catalog.**

  
Approved by: Joseph Dietz, Ph.D.  
Quality Control Director

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