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## TECHNICAL INFORMATION

# cappel

Catalog Number: 55883

### Fluorescein-Conjugated Human Albumin

**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 filtered through a 0.22 µm 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.

### WARNING AND CAUTION:

**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:

Catalog #DescriptionSize

55109 (01010341)GOAT ANTI-HUMAN ALBUMIN 2ML  
55028 (02010341)IGG GOAT ANTI-HUMAN ALBUMIN5ML  
55061 (03010341)F(AB')<sub>2</sub> GOAT ANTI-HUMAN ALBUMIN2ML  
55162 (12010341)FITC GOAT ANTI-HUMAN ALBUMIN2ML  
55190 (13010341)FITC F(AB')<sub>2</sub> GOAT ANTI-HUMAN ALBUMIN2ML  
55235 (32010341)HRP GOAT ANTI-HUMAN ALBUMIN2ML  
55110 (01010342)RABBIT ANTI-HUMAN ALBUMIN 2ML  
55029 (02010342)IGG RABBIT ANTI-HUMAN ALBUMIN5ML  
55163 (12010341)FITC RABBIT ANTI-HUMAN ALBUMIN2ML  
55912 (60010340)PURIFIED HUMAN ALBUMIN 50MG

**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.](#)