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# cappel

**PURIFIED HUMAN TRANSFERRIN**

**10MG**

**Catalog #: 55915**

**Lot #: 06144**

Total Protein: 5.97 mg/ml

Volume: 2 ml

## **DESCRIPTION:**

Product is the lyophilized powder of human transferrin and buffer salts.

Human transferrin is purified from pooled human serum using multi-step procedures which may include salt fractionation, gel filtration, ion-exchange chromatography and immunoabsorption. The product is dialyzed into 0.01M sodium phosphate, 0.07M sodium chloride, pH 7.3, filtered through a 0.22  $\mu$ m filter, vialled and lyophilized. No preservative has been added.

## **SPECIFICATIONS:**

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

The total protein is determined using the Biuret procedure, with bovine albumin as the standard. Each vial is overfilled by approximately 10 percent so that a minimum of 10 mg of human transferrin 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 a few days at 2-8°C unless sodium azide is added. 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.

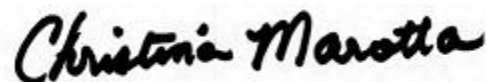
**All blood products should be treated as potentially infectious. Source material from which this product was derived was found negative when tested in accordance with current FDA required tests. No known test methods can offer assurance that products derived from human blood will not transmit infectious agents.**

## **RELATED PRODUCT ORDERING INFORMATION:**

Catalog # Description Size

55139 GOAT ANTI-HUMAN TRANSFERRIN 2ML  
55045 IGG GOAT ANTI-HUMAN TRANSFERRIN 5ML

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



**Approved by:** *Christina Marotta*  
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.**