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TECHNICAL INFORMATION

cappel

Catalog Number: 55915

Purified Human Transferrin

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 µm filter, vialled and lyophilized.

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.

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

55139 GOAT ANTI-HUMAN TRANSFERRIN 2ML

55045 IGG GOAT ANTI-HUMAN TRANSFERRIN5ML

Note: This product may contain a preservative such as sodium azide, thimerosal or proclin. Please see lot specific chemical credential for preservative information.