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cappel

PURIFIED HUMAN IGG F(AB')₂

10MG

Catalog #: 55910

Lot #: 04541

Total Protein: 5.15 mg/ml

Volume: 2 ml

DESCRIPTION:

Product is the lyophilized powder of human IgG F(ab')₂ and buffer salts.

Human IgG F(ab')₂ is prepared from human IgG by limited digestion with pepsin, and purified by gel filtration or affinity chromatography. 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. 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 IgG F(ab')₂; no trace of IgG Fc, IgA, IgM or non-immunoglobulin 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 IgG F(ab')₂ 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

55092 GOAT ANTI-HUMAN IGG F(AB')₂ 2ML
55012 IGG GOAT ANTI-HUMAN IGG F(AB')₂ 5ML
55051 F(AB')₂ GOAT ANTI-HUMAN IGG F(AB')₂ 2ML
55148 FITC GOAT ANTI-HUMAN IGG F(AB')₂ 2ML
55182 FITC F(AB')₂ GOAT ANTI-HUMAN IGG F(AB')₂ 2ML
55224 HRP GOAT ANTI-HUMAN IGG F(AB')₂ 2ML
55245 HRP F(AB')₂ GOAT ANTI-HUMAN IGG F(AB')₂ 2ML
55908 PURIFIED HUMAN IGG 50MG
55909 PURIFIED HUMAN IGG FAB 10MG
55910 PURIFIED HUMAN IGG F(AB')₂ 10MG

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


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
OUTSIDE THE U.S., CONTACT YOUR LOCAL DISTRIBUTOR.**