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TECHNICAL INFORMATION

cappel

Catalog Number: 55908
Purified Human IgG

DESCRIPTION: Product is the lyophilized powder of human IgG and buffer salts.

Human IgG 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.

USES: This product is suitable for use as a positive control in antibody identification screening techniques, and is recommended as an ELISA coating antigen and control.

See **Related Product Ordering Information**.

SPECIFICATIONS: The product is tested for purity at a minimum of 20 mg/ml using immunoelectrophoresis. The product is human IgG; no trace of 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 50 mg of human IgG is obtained upon reconstitution.

RECONSTITUTION: Reconstitute product with 3 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

55087 GOAT ANTI-HUMAN IGG (WHOLE MOLECULE) 2ML
55088 RABBIT ANTI-HUMAN IGG (WHOLE MOLECULE)2ML
55007 IGG GOAT ANTI-HUMAN IGG (WHOLE MOLECULE)5ML
55008 IGG RABBIT ANTI-HUMAN IGG (WHOLE MOLECULE)5ML
55009 IGG SHEEP ANTI-HUMAN IGG (WHOLE MOLECULE)5ML
55049 F(AB')₂ GOAT ANTI-HUMAN IGG (WHOLE MOLECULE)2ML
55050 F(AB')₂ RABBIT ANTI-HUMAN IGG (WHOLE MOLECULE)2ML
55067 FAB GOAT ANTI-HUMAN IGG (WHOLE MOLECULE)5ML
55070 AFF.PUR. GOAT ANTI-HUMAN IGG (WHOLE MOLECULE) 2MG
55075 AFF.PUR. F(AB')₂ GOAT ANTI-HUMAN IGG (WM)2MG
59394 SHEEP ANTI-HUMAN IGG1 1ML
59395 SHEEP ANTI-HUMAN IGG2 1ML
59396 SHEEP ANTI-HUMAN IGG3 1ML
59397 SHEEP ANTI-HUMAN IGG4 1ML
59398 PURIFIED MOUSE MONOCLONAL ANTI-HUMAN IGG11MG
59399 PURIFIED MOUSE MONOCLONAL ANTI-HUMAN IGG21MG
59400 PURIFIED MOUSE MONOCLONAL ANTI-HUMAN IGG31MG
59401 PURIFIED MOUSE MONOCLONAL ANTI-HUMAN IGG41MG

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.](#)