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cappel

PURIFIED CHICKEN IGG 20 mg

Catalog #: 55920

Lot #: 39106

Total Protein: 11.3 mg/ml

Volume: 2.0 ml

DESCRIPTION:

Product is the lyophilized powder of chicken IgG and buffer salts.

Chicken IgG is purified from pooled chicken 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. No preservative has been added.

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 chicken IgG; no trace of 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 20 mg of bovine IgG is obtained upon reconstruction.

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.

RELATED PRODUCT ORDERING INFORMATION:

Catalog # Description Size

55295 RABBIT ANTI-CHICKEN IGG (WHOLE MOLECULE) 2 ML
55302 IGG RABBIT ANTI-CHICKEN IGG (WHOLE MOLECULE) 5 ML
55307 FITC RABBIT ANTI-CHICKEN IGG (WHOLE MOLECULE) 2 ML
55308 HRP RABBIT ANTI-CHICKEN IGG (WHOLE MOLECULE) 2 ML

For other purified proteins, unconjugated antibodies, fluorochrome and enzyme 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.**