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cappel

PURIFIED BOVINE IGG

50MG

Catalog #: 55917

Lot #: 07522

Total Protein: 17.5 mg/ml

Volume: 3 ml

DESCRIPTION:

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

Bovine IgG is purified from pooled bovine 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 μ m 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 bovine 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 50 mg of bovine IgG is obtained upon reconstruction.

EXPIRATION DAT:

5/31/2022

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.

STORAGE:

Store unopened product at 2-8°C. 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

55267 RABBIT ANTI-BOVINE IGG (WHOLE MOLECULE) 2ML
55274 IGG RABBIT ANTI-BOVINE IGG (WHOLE MOLECULE) 5ML
55278 F(AB')₂ RABBIT ANTI-BOVINE IGG (WHOLE MOLECULE) 2ML
55847 PURIFIED BOVINE GAMMA GLOBULIN 100MG

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


Approved by: *John Huang, PhD*
Quality Control Manager

**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.**