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TECHNICAL INFORMATION

cappel

Catalog Number: 55847

Purified Bovine Gamma Globulin

DESCRIPTION: Product is the lyophilized powder of bovine gamma globulin and buffer salts.

Bovine gamma globulin is purified from pooled bovine serum using multi-step procedures which may include salt fractionation, ion-exchange chromatography and immunoabsorption. The product is dialyzed into 0.01M sodium phosphate, with 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 carrier protein in secondary antibody systems, e.g., radioimmunoassay. Purified proteins are recommended as ELISA coating antigens and as controls.

See **Related Product Ordering Information**.

SPECIFICATIONS: The product is tested for purity at a minimum of 20 mg/ml using immunoelectrophoresis. The product is primarily bovine immunoglobulins; no trace of albumin is detected.

The total protein is determined using the Biuret procedure, with bovine albumin as the standard. Each vial is over filled by approximately 5 per cent so that a minimum of 100 mg of bovine gamma globulin is obtained upon reconstitution.

RECONSTITUTION: Reconstitute product with 6 ml of deionized or distilled water. Gentle swirling may be used to speed rehydration. Avoid vigorous shaking of the constituted material.

RELATED PRODUCT ORDERING INFORMATION:

Catalog #DescriptionSize

55267 (01020082)RABBIT ANTI-BOVINE IGG (WHOLE MOLECULE)2ML

55268 (01020202)RABBIT ANTI-BOVINE IGM (μ CHAIN)2ML

55274 (02020082)IGG RABBIT ANTI-BOVINE IGG (WHOLE MOLECULE)5ML

55917 (60020080)PURIFIED BOVINE IGG50MG

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