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TECHNICAL INFORMATION

cappel

Catalog Number: 55367

Goat Antiserum To Guinea Pig IgG (Whole Molecule)

DESCRIPTION: Product is the lyophilized powder of goat antiserum to guinea pig IgG (whole molecule) and buffer salts.

The antiserum is prepared by hyperimmunizing goats with highly purified guinea pig IgG; antiserum is delipidated and made specific by solid-phase absorption. The resulting antiserum is dialyzed into 0.02M sodium phosphate, 0.14M sodium chloride, pH 7.3, adjusted to standard titer, filtered through a 0.22 µm filter, vialled and lyophilized.

USES: This product is suitable for use as a precipitating antibody. It gives sharp precipitin lines in immunoelectrophoresis and immunodiffusion techniques.

(Note: IgG fractions are suitable for conjugation with enzymes, radiolabels, fluorochromes or other markers and for attachment to solid supports for use as an immunoabsorbant. F(ab')₂ fragments are recommended for staining of cells or tissues which contain Fc receptors. See **Related Product Ordering Information** for these products.)

SPECIFICATIONS: The total protein is measured using the Biuret procedure, with bovine albumin as a standard. Antibody titer is standardized by equivalence-point precipitation. Each antiserum is tested for specificity at a minimum of 80 mg/ml using immunoelectrophoresis. It shows reactivity to guinea pig IgG; cross-reactivity to other species may exist. Because the product is directed against whole IgG, some antibodies are expected to bind light chain sites common to all immunoglobulins. Antibody activity to non-immunoglobulin serum proteins is not present.

RECONSTITUTION: Reconstitute product with 2.0 ml of deionized or distilled water. Gentle swirling may be used to speed rehydration. Avoid vigorous shaking of the reconstituted material.

RELATED PRODUCT ORDERING INFORMATION:

Catalog #DescriptionSize

55375 IGG GOAT ANTI-GUINEA PIG IGG (WHOLE MOLECULE)5ML
55382 FITC GOAT ANTI-GUINEA PIG IGG (WHOLE MOLECULE)2ML
55387 FITC F(AB')₂ GOAT ANTI-GUINEA PIG IGG (WM)2ML
55389 RHO GOAT ANTI-GUINEA PIG IGG (WHOLE MOLECULE)2ML
55391 HRP GOAT ANTI-GUINEA PIG IGG (WHOLE MOLECULE)2ML
55931 PURIFIED GUINEA PIG IGG20MG

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.](#)