

ProductInformation

ANTI-HUMAN IgG (γ -CHAIN SPECIFIC) Delipidized, Whole Antiserum

Product No. I 1136

Product Description

Anti-Human IgG antiserum is developed in goat using purified human IgG as the immunogen. The antiserum has been treated to remove lipoproteins.

Specificity for the γ -chain of human IgG is determined by immunoelectrophoresis (IEP). The antibody preparation is specific for human IgG when tested against purified human IgA, IgG, IgM, Bence Jones kappa and Bence Jones lambda myeloma proteins.

Identity and purity of the antibody is established by immunoelectrophoresis (IEP). Electrophoresis of the antibody preparation followed by diffusion versus anti-goat IgG and anti-goat whole serum results in a single arc of precipitation against the anti-goat IgG and multiple precipitation arcs against the anti-goat whole serum.

Reagents

Goat Anti-Human IgG is supplied as a liquid containing 15mM sodium azide as a preservative.

Precautions

Due to the sodium azide content a material safety data sheet (MSDS) for this product has been sent to the attention of the safety officer of your institution. Consult the MSDS for information regarding hazards and safe handling practices.

Product Profile

Protein Concentration is determined by Biuret.

Each milliliter of antiserum contains at least 4.0 mg of specific antibody. Normal human serum is used to determine the antibody concentration by a quantitative precipitation assay.

Storage

For continuous use, store at 2-8 °C for up to one month. For extended storage, the solution may be frozen in working aliquots. Repeated freezing and thawing is **not** recommended. Storage in "frost-free" freezers is **not** recommended. If slight turbidity occurs upon prolonged storage, clarify the solution by centrifugation before use.

This goat antiserum was maintained at pH 5.0 for 40 minutes to meet U.S.D.A. requirements.

Pcs11/99