Anti-Human IgG (Fc specific)
Developed in Goat
Delipidized, Whole Antiserum

Product No. **I8885**
Lot 126H4816

Antiserum is developed in goat using purified Fc fragment of human IgG as the immunogen. The antiserum has been treated to remove lipoproteins. Goat Anti-Human IgG is supplied as a liquid containing 0.1% sodium azide (see MSDS)* as a preservative.

Specificity
Specificity for the Fc fragment of human IgG is determined by immunoelectrophoresis (IEP) versus normal human serum and Fc fragment of human IgG. No reactivity is observed versus purified human IgA, IgG (Fab fragment), IgM, Bence Jones kappa and Bence Jones lambda myeloma proteins.

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

Protein Concentration = 67 mg/ml by Biuret.

Quantitative Precipitin Analysis
Each milliliter of antiserum contains 4.7 mg of specific antibody. Normal human serum is used to determine the antibody concentration by a quantitative precipitation assay.

*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.

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.

Pcs2/99/3/97