



Product Information

ANTI-HUMAN SERUM IgG FRACTION OF ANTISERUM

Product No. **I8883**

Antiserum is developed in goat using normal human serum as the immunogen. To ensure specificity the antiserum is adsorbed, if necessary, using solid phase techniques. Whole antiserum is fractionated and chromatographed by ion exchange chromatography to provide the IgG fraction. The resultant antiserum is lyophilized from 0.01 M phosphate buffered saline, pH 7.2, to which no preservatives have been added.

Protein Concentration: not more than 90 mg/ml by Biuret.

Specificity

Specificity of the antiserum is determined by immunoelectrophoresis. Multiple arcs of precipitation are observed versus normal human serum when electrophoresed versus the antiserum.

Identity and Purity

Identity and purity of the antiserum is established by immunoelectrophoresis (IEP). Electrophoresis of the antiserum followed by diffusion versus anti-goat serum results in multiple precipitation arcs and versus anti-goat IgG a single arc of precipitation is observed in the gamma region.

Reconstitution and Storage Instructions

To one vial of lyophilized powder add 2 ml of deionized water. Rotate vial gently until powder dissolves. Prior to reconstitution store the product at 2-8°C. After reconstitution, the solution may be stored frozen in working aliquots. Repeated freezing and thawing is **not** recommended. If slight turbidity occurs upon prolonged storage clarify the solution by centrifugation before use.

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