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ProductInformation

ANTI-HUMAN IgG (WHOLE MOLECULE)
IgG Fraction of Antiserum

Product No. **I 1886**

Product Description

Antiserum is developed in goat using purified human IgG as 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 antiserum is determined to be immunospecific for human IgG by immunoelectrophoresis versus normal human serum and human IgG. Reactivity with light chains is observed.

Identity and purity of the antibody is established by immunoelectrophoresis (IEP). Electrophoresis of the product followed by diffusion versus anti-goat IgG and anti-goat whole serum results in single arcs of precipitation in the gamma region.

Reagents

The product is supplied as a liquid in 0.01 M phosphate buffered saline, pH 7.4, containing 15 mM sodium azide as a preservative.

Precautions and Disclaimer

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

Each milliliter of product contains 1.8 to 2.5 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.

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