



Product Information

HUMAN IgG Purified Immunoglobulin

Product No. I 2511

Product Description

Purified human IgG is produced by precipitation and gel filtration techniques using normal human serum as the starting material. The product is provided as a solution in 0.01 M sodium phosphate, 0.15 M NaCl, pH 7.4, containing 15 mM sodium azide (see MSDS*) as a preservative.

Identity and purity of the human IgG is established by immunoelectrophoresis (IEP) and HPLC. Electrophoresis of the immunoglobulin preparation followed by diffusion versus anti-human whole serum results in a single arc of precipitation. By HPLC, the immunoglobulin is determined to be at least 95% pure.

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.

POTENTIAL BIOHAZARD

Handle as if capable of transmitting infectious agents. Refer to the Material Safety Data Sheet. Source material tested and found negative for antibody to HIV, antibody to HCV and for HbsAg.

Product Profile

Protein Concentration: Determined by absorbance at 280 nm ($E_{280}^{1\%} = 14.0$).

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.

Pcs2/01

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