

Product No. I-8640
Lot 027H8882

Human IgG
Purified Immunoglobulin
Technical Grade

Description

Purified Human IgG is isolated from pooled normal human serum by fractionation. The product is supplied as a liquid in 0.01 M phosphate buffered saline, pH 7.2, containing 15 mM sodium azide (see MSDS)* as a preservative.

Uses

Technical grade IgG may be used as an economical alternative to the reagent grade immunoglobulins, in applications where high purity is not required.

Storage

Store, in aliquots, at -20°C . Repeated freezing and thawing of product is **not** recommended.

*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.

Performance Characteristics

Appearance: Clear, colorless liquid.

Solvent: 0.01 M phosphate buffered saline, pH 7.2, containing 0.1% sodium azide.

Volume: 10mg = 1ml, 50mg = 5ml, 100mg = 10ml

Protein Concentration: 11.2 mg/ml
(Extinction, $E_{280}^{1\%} = 14$)

Identity (Immuno-electrophoresis): Single major arc of precipitation in the gamma region at 50 and 250 μg of immunoglobulin versus anti-human whole serum and anti-human IgG.

Purity (SDS-PAGE): Not less than 80%.