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## Product Information

### Rat IgG Purified Immunoglobulin Technical Grade

Product No. I 8015

#### Description

Purified Rat IgG is isolated from pooled normal rat serum by fractionation.

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

#### Reagents

The product is supplied as a liquid in 0.01 M phosphate buffered saline, pH 7.2, containing 0.1% sodium azide as a preservative.

#### 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.

#### Performance Characteristics

Appearance: Clear, colorless liquid.

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

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

Protein Concentration : Determined by  
(Extinction,  $E_{280}^{1\%} = 14$ )

Identity (Immunoelectrophoresis): Single major arc of precipitation in the gamma region at 50 and 250  $\mu$ g of immunoglobulin versus anti-rat whole serum and anti-rat IgG.

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

#### Storage

Store, in aliquots, at  $-20^{\circ}\text{C}$ . Repeated freezing and thawing of product is not recommended.

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