

## Product Information

### IgG from rat serum

reagent grade

Catalog Number **I4131**

Storage Temperature 2–8 °C

### Product Description

Purified rat IgG is isolated from pooled normal rat serum by fractionation and ion-exchange chromatography.

Purified rat IgG may be used as a reference antigen, standard, blocking agent, or coating protein in a variety of immunoassays including ELISA, dot immunobinding, Western immunoblotting, immunodiffusion, and immunoelectrophoresis. Other applications include starting materials for the preparation of immunogens and solid phase immunoabsorbents.

### Reagent

Supplied as an essentially salt-free, lyophilized powder.

### Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

### Preparation Instructions

The product is essentially a salt-free preparation and should be reconstituted to a minimum of 1 mg/ml with 150 mM NaCl.

Protein concentration should be determined after reconstitution by measuring the absorbance at 280 nm ( $E_{280}^{1\%} = 14$ ).

### Storage/Stability

Prior to reconstitution, store at 2–8 °C. After reconstitution, store in working aliquots at –20 °C. Repeated freezing and thawing is not recommended.

### Product profile

Purity: ≥95% (SDS-PAGE)

ID by Immuno-Electrophoresis: Single major arc of precipitation in the gamma region versus anti-rat whole serum and anti-rat IgG. Minor gamma arcs may be present versus anti-rat whole serum

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