

Product Information

IgG from rabbit serum

reagent grade

Catalog Number **I5006**

Storage Temperature 2–8 °C

Product Description

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

Purified rabbit 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 a saline (150 mM NaCl) solution. 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 Immunoelectrophoresis: Single major arc of precipitation in the gamma region versus anti-rabbit whole serum and anti-rabbit IgG. Minor gamma arcs may be present versus anti-rabbit whole serum.

RC,PHC 05/12-1