

Product Information

IgG from mouse serum reagent grade

Catalog Number **I5381**
Storage Temperature 2–8 °C

Product Description

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

Purified 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.

The product is lyophilized from 0.01 M phosphate buffer, pH 7.2, with 0.015 M NaCl.

Purity: ≥95% (SDS-PAGE)

Immunoelectrophoresis of the antibody preparation results in a single major arc of precipitation in the gamma region versus anti-mouse whole serum and anti-mouse IgG. Minor gamma arcs may be present versus anti-mouse whole serum

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 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.

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