

## Product Information

### **Anti-Rat IgG (whole molecule)**

produced in rabbit, IgG fraction of antiserum

Catalog Number **R9255**

#### **Product Description**

Anti-Rat IgG is produced in rabbit using purified rat IgG as the immunogen. Whole antiserum is fractionated and then further purified by ion exchange chromatography to provide the IgG fraction of antiserum. This fraction is essentially free of other rabbit serum proteins.

The antiserum is determined to be immunospecific for rat IgG by immunoelectrophoresis (IEP) versus normal rat serum and rat IgG.

Identity and purity of the product is established by immunoelectrophoresis. Electrophoresis of the product followed by diffusion versus the anti-rabbit IgG and the anti-rabbit whole serum results in single arcs of precipitation in the gamma region.

#### **Reagent**

Supplied as a solution in 0.01 M phosphate saline, pH 7.4, containing 15 mM sodium azide as a preservative.

#### **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.

#### **Product Profile**

##### **Precipitation Analysis**

Each milliliter of antiserum contains 2.5 to 5 mg of specific antibody. Normal rat serum is used to determine the antibody concentration by a quantitative precipitation assay.

Protein Concentration: 7 to 14 mg/ml by absorbance at 280 nm ( $E_{280}^{1\%} = 14.0$ ).

#### **Storage**

For continuous use, store at 2-8 °C for up to one month. For extended storage, the solution may be frozen in working aliquots. Repeated freezing and thawing, or storage in "frost-free" freezers, is not recommended. If slight turbidity occurs upon prolonged storage, clarify the solution by centrifugation before use.

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