

## Product Information

### Anti-Goat IgG (whole molecule)

produced in rabbit, IgG fraction of antiserum

Catalog Number **G5518**

### Product Description

Anti-Goat IgG is produced in rabbit using as immunogen purified goat IgG. Whole antiserum is purified to provide an IgG fraction of antiserum

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

### Reagent

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

### Precautions

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.

### 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.

### Product Profile

Total IgG Concentration: 6-15 mg/mL by absorbance at 280 nm ( $E_{280}^{1\%} = 14.0$ )

### Precipitin Analysis

Each milliliter of antiserum contains  $\geq 3.5$  mg of specific antibody. Normal goat serum is used to determine the antibody concentration by a quantitative precipitation assay.

Indirect ELISA: a working dilution of 1:50,000 is determined using 5 µg/ml goat IgG for coating

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