

## Product Information

### Anti-Human IgG (whole molecule)

produced in goat, delipidized whole antiserum

Catalog Number **I1011**

Storage Temperature  $-20^{\circ}\text{C}$

### Product Description

Anti-Human IgG antiserum is produced in goat using purified human IgG as the immunogen. The antiserum has been treated to remove lipoproteins. This goat antiserum was maintained at pH 5.0 for 40 minutes to meet U.S.D.A. requirements. Anti-Human IgG is supplied as a liquid containing 15 mM sodium azide as a preservative.

Identity and purity of the antibody is established by immunoelectrophoresis. Electrophoresis of the antibody preparation followed by diffusion versus Anti-Goat IgG and Anti-Goat Whole Serum results in a single arc of precipitation against the Anti-Goat IgG and multiple precipitation arcs against the Anti-Goat 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.

### Storage/Stability

For continuous use, store at  $2-8^{\circ}\text{C}$ . 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

Quantitative Precipitin Assay: each milliliter of antiserum contains at least 4.0 mg of specific antibody. Human Serum is used to determine the antibody concentration .

Indirect ELISA: a minimum working dilution of 1:40,000 was determined using 5  $\mu\text{g}/\text{ml}$  human IgG for coating

**Note**: In order to obtain best results in different techniques and preparations we recommend determining optimal working concentration by titration test.

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