



**ANTI-RABBIT IgG (whole molecule)**  
**Developed in Goat**  
**Whole Antiserum**

Product No. **R5001**

## Product Information

Antiserum is developed in goat using purified rabbit IgG as the immunogen. Goat Anti-Rabbit IgG is provided as lyophilized whole antiserum, to which no preservatives have been added.

### Specificity

Specificity is determined by Ouchterlony Double Diffusion (ODD) and immunoelectrophoresis (IEP) versus rabbit serum and rabbit IgG.

### Identity and Purity

Identity and purity of the antibody is established by immunoelectrophoresis. Electrophoresis of the product followed by diffusion versus anti-goat IgG results in a single arc of precipitation in the gamma region and multiple arcs of precipitation versus anti-goat serum.

### Precipitation Analysis

One milliliter of reconstituted antibody preparation will precipitate 0.5-2.0 mg of purified rabbit IgG at equivalence.

**Protein Concentration:** 40-100 mg/ml by Biuret.

**Titer:** Minimum 1:16

Using an Ouchterlony double diffusion (ODD) assay, in 1% agarose, 5  $\mu$ l of serially diluted reconstituted antiserum is reacted against 5  $\mu$ l of 1 mg/ml solution of purified rabbit IgG (well separation: 7.5 mm center to center). Titer is equivalent to the highest dilution of antiserum resulting in a visible precipitate by 24 hours.

### Reconstitution and Storage Instructions

To one vial of lyophilized powder add 2 ml of deionized water. Rotate vial gently until powder dissolves. Prior to reconstitution store the product at 0-5 °C. After reconstitution, the solution may be stored frozen in working aliquots. Repeated freezing and thawing is **not** recommended. If slight turbidity occurs upon prolonged storage clarify the solution by centrifugation before use.

Pcs 2/99