

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 μ l of serially diluted reconstituted anti-serum is reacted against 5 μ 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

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