

## Product Information

### ANTI-RABBIT IgG (WHOLE MOLECULE)

Developed in Goat  
IgG Fraction of Antiserum

Product No. R 3128

#### Product Description

Anti-rabbit IgG is developed in goat using purified rabbit 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 goat serum proteins.

The antiserum is determined to be immunospecific for rabbit IgG by immunoelectrophoresis versus normal rabbit serum and rabbit IgG.

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

#### Reagents

Goat Anti-Rabbit IgG is provided lyophilized from 0.01 M phosphate buffered saline, pH 7.2, to which no preservatives have been added.

#### Product Profile

Titer: Minimum 1:16

Using an Ouchterlony double diffusion (ODD) assay, in 1% agarose, 5  $\mu$ l of serially diluted reconstituted antiserum is allowed to diffuse 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 after 24 hours.

Protein Concentration: not more than 90 mg/ml by Biuret.

#### 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 2-8 °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 6/00

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