

Product Information

Anti-Rabbit IgG (whole molecule)

produced in goat, IgG fraction of antiserum

Catalog Number **R 5506**

Product Description

Anti-Rabbit IgG is produced 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.

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.

Reagent

Supplied as a liquid 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/Stability

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: 8-16 mg/ml

Each milliliter of antiserum contains at least 3.0 mg of specific antibody. Normal rabbit serum is used to determine the antibody concentration by a quantitative precipitation assay.

MG,KAA,PHC 06/09-1