

Product Information

Anti-Sheep IgG (whole molecule)

produced in rabbit, delipidized whole antiserum

Catalog Number **S1140**

Product Description

Anti-Sheep IgG is produced in rabbit using sheep IgG isolated from normal sheep serum as the immunogen. The antiserum is determined to be immunospecific for sheep IgG by immunoelectrophoresis (IEP) versus normal sheep serum and purified sheep IgG. The antiserum has been treated to remove lipoproteins.

Identity and purity of the specific antibody is established by immunoelectrophoresis (IEP). Electrophoresis of the antiserum followed by diffusion versus anti-rabbit serum and anti-rabbit IgG results in multiple precipitation arcs against the anti-rabbit serum and a single arc of precipitation in the gamma region against the anti-rabbit IgG.

Reagents

Supplied as a liquid containing 15 mM sodium azide as preservative.

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 °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

Quantitative Precipitin Assay: each milliliter of antiserum contains 2.8-4.2 mg of specific antibody. Normal sheep serum is used to determine the antibody concentration.

Indirect ELISA: a minimum working dilution of 1:100,000 is determined using 5 µg/ml sheep IgG.

Protein Concentration: determined by Biuret.

Note: In order to obtain the best results in various techniques and preparations we recommend determining the optimal working dilutions by titration.

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