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Product Information

Anti-Mouse IgG (whole molecule)
produced in goat, delipidized, whole antiserum

Catalog Number **M5899**

Product Description
Anti-Mouse IgG is produced in goat using mouse IgG isolated from normal mouse serum as the immunogen. The antiserum has been treated to remove lipoproteins.

The antiserum is determined to be immunospecific for mouse IgG by immunoelectrophoresis (IEP) against normal mouse serum and purified mouse IgG.

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

Reagent
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 3.2-4.8 mg of specific antibody. Normal mouse serum is used to determine the antibody concentration.

Indirect ELISA: a working dilution of 1:70,000 was determined using 5 µg/ml mouse IgG for coating

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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