

Product Information

Anti-Human IgM (μ -chain specific)

produced in rabbit, IgG fraction of antiserum

Catalog Number **I0140**

Product Description

Anti-Human IgM is produced in rabbit using IgM purified from normal human serum as the immunogen. Whole antiserum is purified to provide an IgG fraction of antiserum.

Specificity for the μ -chain of human IgM is determined by Immunelectrophoresis (IEP). The antibody preparation is specific for human IgM when tested against purified human IgA, IgG, IgM, Bence Jones kappa, and lambda myeloma proteins.

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

Reagent

Supplied as a solution in 0.01 M phosphate buffered saline, pH 7.2, containing 15 mM sodium azide as a 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 at -20 °C. 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

Indirect ELISA: a minimum working dilution of 1:100,000 is determined using 5 μ g/ml human IgM 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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