

Product Information

Anti-Human IgG (Fc Specific)

Developed in Rabbit

Delipidized, Whole Antiserum

Product Number I 9135

Product Description

Anti-Human IgG (Fc specific) antiserum is developed in rabbit using purified human IgG, Fc fragment, as the immunogen. The antiserum has been treated to remove lipoproteins.

Specificity for the Fc fragment of human IgG is determined by Ouchterlony Double Diffusion (ODD). The antibody preparation is specific for human IgG, Fc fragment, when tested against purified human IgA, IgG (Fc and Fab fragments), IgM, Bence Jones kappa, and Bence Jones lambda myeloma proteins. No reactivity is observed with the Fab fragment of human IgG, light chains, IgA, or IgM.

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

Reagents

Rabbit Anti-Human IgG is supplied as a liquid containing 0.1% sodium azide as preservative.

Precautions and Disclaimer

Due to the sodium azide content a material safety data sheet (MSDS) for this product has been sent to the attention of the safety officer of your institution. Consult the MSDS 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 is not recommended. Storage in "frost-free" freezers is not recommended. If slight turbidity occurs upon prolonged storage, clarify the solution by centrifugation before use.

Product Profile

The protein concentration is determined by Biuret.

Each milliliter of antiserum contains 1.5-2.5 mg of specific antibody. Normal human serum is used to determine the antibody concentration by a quantitative precipitation assay.

JWM/KMR 09/02

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