Product Information

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Anti-Human IgE (ε-chain specific)
produced in goat, affinity isolated antibody

Catalog Number **I6284**

Product Description

Anti-Human IgE (ε-chain specific) is produced in goat using purified human IgE (myeloma) as the immunogen. The affinity isolated antibody is obtained by immunospecific purification to remove essentially all goat serum proteins, including immunoglobulins, which do not specifically bind to human IgE (ε-chain).

Specificity for the ε-chain of human IgE is determined by Ouchterlony Double Diffusion (ODD). The antibody preparation is specific for human IgE when tested against purified human IgA, IgG, IgM, Bence Jones Kappa, and Bence Jones Lambda proteins.

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

Reagent

The antibody preparation is lyophilized from 0.01 M sodium phosphate, 0.015 M sodium chloride, pH 7.2, to which no preservatives have been added.

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.

Preparation Instructions

To one vial of lyophilized powder, add sufficient 0.135 M sodium chloride to achieve a 1 mg/mL solution of antibody. Rotate vial gently until powder dissolves. This will yield a protein solution in 0.01 M phosphate buffered saline.

Storage Stability

Prior to reconstitution, store the product at 2-8 °C. After reconstitution, the solution may be stored 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.

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