

## Product Information

### **ANTI-HUMAN IgA (α-CHAIN SPECIFIC)**

Developed in Goat  
Delipidized Whole Antiserum

Product Number **I 1261**

#### **Product Description**

Anti-Human IgA antiserum is developed in goat using purified human IgA as the immunogen. The antiserum has been treated to remove lipoproteins.

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

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

#### **Reagents**

Goat Anti-Human IgA 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 a maximum of 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**

Each milliliter of antiserum contains 3.0 to 5.0 mg of specific antibody. Normal human serum is used to determine the antibody concentration by a quantitative precipitation assay.

This goat antiserum was maintained at pH 5.0 for 40 minutes to meet U.S.D.A. requirements.

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