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## Product Information

### Human IgA

Purified Immunoglobulin  
from Colostrum

Product No. **I 2636**

### Product Description

Purified human IgA is produced by precipitation and gel filtration techniques using normal human colostrum as the starting material (the colostrum was tested and found negative for antibodies to HIV and for HBsAg).

Identity and purity of the human IgA is established by immunoelectrophoresis (IEP) and SDS-PAGE (polyacrylamide gel electrophoresis). Electrophoresis of the immunoglobulin preparation followed by diffusion versus anti-human whole serum results in a single arc of precipitation. By PAGE procedures the immunoglobulin is determined to be at least 95% pure.

### Reagents

The product is provided as a solution in 0.01 M Tris-HCl, 0.1 M NaCl, pH 8.0, containing 15 mM sodium azide as a 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.

### POTENTIAL BIOHAZARD

Handle as if capable of transmitting infectious agents. Refer to the Material Safety Data Sheet.

**Protein Concentration:** 1.6 to 2.4 mg/ml by absorbance at 280 nm ( $E_{280}^{1\%} = 14.0$ ).

### Storage

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.

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Purchaser must determine the suitability of the product(s) for their particular use. Additional terms and conditions may apply.

Please see reverse side of the invoice or packing slip.