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## TECHNICAL INFORMATION

Catalog Number: 55906  
**Purified Human Serum IgA**

**DESCRIPTION:** Product is the lyophilized powder of human serum IgA and buffer salts.

Human IgA is purified from pooled human serum using multi-step procedures which may include salt fractionation, gel filtration, ion-exchange chromatography and immunoabsorption. The product is dialyzed into 0.01M sodium phosphate, 0.07M sodium chloride, pH 7.3, filtered through a 0.22 µm filter, vialled and lyophilized.

**USES:** This product is suitable for use as a positive control in antibody identification screening techniques and is recommended as an ELISA coating antigen and control.

See **Related Product Ordering Information**.

**SUGGESTED WORKING DILUTIONS:**

1:50 - 1:200 for Tissue Staining  
1:100 - 1:500 for Immunoblotting  
1:400 - 1:2,000 for ELISA

**It is recommended that each lab obtain their own optimal working dilution for each assay.**

**SPECIFICATIONS:** The product is tested for purity at a minimum of 20 mg/ml using immunoelectrophoresis. The product is human serum IgA; no trace of IgG, IgM or non-immunoglobulin serum proteins is detected.

The total protein is determined using the Biuret procedure, with bovine albumin as the standard. Each vial is overfilled by approximately 10 percent so that a minimum of 5 mg of human serum IgA is obtained upon reconstitution.

**RECONSTITUTION:** Reconstitute product with 1 ml of deionized or distilled water. Gentle swirling may be used to speed rehydration. Avoid vigorous shaking of the reconstituted material.

**WARNING AND CAUTION:**

**All blood products should be treated as potentially infectious. Source material from which this product was derived was found negative when tested in accordance with current FDA required tests. No known test methods can offer assurance that products derived from human blood will not transmit infectious agents.**

**RELATED PRODUCT ORDERING INFORMATION:**

Catalog #DescriptionSize

55082 GOAT ANTI-HUMAN IGA (Å CHAIN)2ML  
55003 IGG GOAT ANTI-HUMAN IGA (Å CHAIN)5ML  
55047 F(AB')<sub>2</sub> GOAT ANTI-HUMAN IGA (Å CHAIN)2ML  
55077 FITC GOAT ANTI-HUMAN IGA (Å CHAIN)2ML  
55068 AFF.PUR. GOAT ANTI-HUMAN IGA (Å CHAIN)2MG  
55178 FITC F(AB')<sub>2</sub> GOAT ANTI-HUMAN IGA (Å CHAIN)2ML  
55195 FITC AFF.PUR. GOAT ANTI-HUMAN IGA (Å CHAIN)2MG  
55216 HRP GOAT ANTI-HUMAN IGA (Å CHAIN)2ML  
55243 HRP F(AB')<sub>2</sub> GOAT ANTI-HUMAN IGA (Å CHAIN)2ML  
59286 AKP AFF.PUR. GOAT ANTI-HUMAN IGA (Å CHAIN)1ML  
55907 HUMAN MYELOMA IGA KAPPA10MG

**Note:** This product may contain a preservative such as sodium azide, thimerosal or proclin. Please see lot specific chemical credential for preservative information.

[If a titer/working dilution is not given above, please click here to see a general dilution chart for working with antibodies. Please note that the general dilution chart should only be used as a guideline. Each lab should determine their own optimal working dilution.](#)

[Will this antibody work with your application? Please click here to see a general chart of antibody applications. Please note that any information given above is primary application data. The general applications charts should only be used as a reference.](#)