

## CERTIFICATE OF ANALYSIS

**Important Note:** Centrifuge before opening to ensure complete recovery of vial contents.

**Catalog #:** W90010F **Lot #:** 5A00918

**Description:** Sheep anti IgA  
Sheep Antibody to Immunoglobulin A (IgA)  
Fluorescein Conjugated

**Specificity:** Gives a single arc when tested by IEP against human serum. Identity has been confirmed by double diffusion (Ouchterlony) against human serum and an anti-human IgA (alpha chain) of known specificity.

**Host Animal:** Sheep

**Immunogen:** A mixture of purified human IgA myeloma proteins representing both IgA subclasses and light chain types.

**Format:** FITC, Liquid

**Purification:** If necessary, adsorption to monospecificity by the use of solid phase adsorbants. Cross reactivity with bovine, mouse and rat serum protein is minimized by further insoluble adsorption. Following adsorption, an immunoglobulin fraction is produced by ion-exchange chromatography. Zone electrophoresis is performed to ensure that only a gamma-mobility component is present. The antiserum is then conjugated with fluorescein isothiocyanate (FITC). Unreacted fluorochrome is removed by gel filtration. Preservatives are added.  
Product is 0.2 µm filtered.

**Concentration:** 10 mg/ml

**Buffer:** Phosphate Buffered Saline, pH 7.2

**Preservatives:** 0.099% Sodium Azide

**Applications:** Recommended for use in direct and indirect Immunofluorescence testing and has been QC tested as detailed below. The titers report should be used as guidelines for determining the working dilution in the users system.  
Direct Immunofluorescence: Using frozen sections of human tonsil: 1:100–1:200  
Indirect Immunofluorescence: Rat/Mouse Liver, Kidney, Stomach: 1:100–1:200  
Monkey Esophagus: 1:100–1:200

**Storage:** Store at 2–8°C. Avoid exposure to light. Slight precipitation can occur upon storage, which may be removed by centrifugation and should not affect performance characteristics.

**Safety Note(s):** Refer to the appropriate Safety Data Sheet (SDS) for additional information.

*Brenda Dunn*

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**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**