

# Certificate of Analysis

## KPL Fluorescein Labeled Affinity Purified Antibody To Human IgA + IgG + IgM (H+L) [Goat] MSA

**PART Code** 5230-0290 (02-10-17)  
**Lot No.** 10380782  
**SIZE** 0.5 mg

**DESCRIPTION** Affinity purified antibody to human IgA + IgG + IgM (H+L) chains. This broad spectrum reagent contains a mixture of 3 goat antibodies that recognize human IgA (H+L), human IgG (H+L), and human IgM (H+L) that were labeled with fluorescein by reaction with fluorescein isothiocyanate (FITC).

**FORM/STORAGE** Lyophilized. Store refrigerated at 2 - 8°C until rehydrated.

**CONTENT** Each vial contains 0.5 mg of affinity purified antibody. This lot of antibody was prepared from a mixture of anti-human IgA Lot No. 140690, anti-human IgG Lot No. 10159755, and anti-human IgM (H+L) Lot No. 140804.

**F/P RATIO** Fluorescein to antibody protein ratio = 4:1

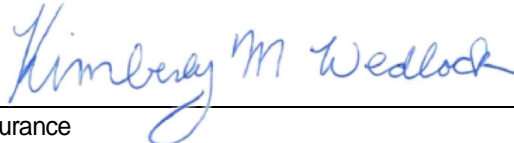
**SPECIFICITY** Tested by gel diffusion and ELISA techniques as applicable. This product reacts specifically with human IgA, IgG, and IgM and may recognize other immunoglobulin types that have light chains in common. Reactivity to IgG subclasses has not been tested. Antibodies to human IgA, IgG, and IgM may cross react with immunoglobulins of other mammalian species if common bonding sites are shared.

**STABILIZERS AND PRESERVATIVES** Goat serum and bovine serum albumin (BSA) added as protein stabilizer. No preservatives added. Non-sterile.

**STABILITY** Product is stable for one year from date of receipt when stored properly.

**COUNTRY OF ORIGIN OF ANTISERA** United States

**DATE OF MANUFACTURE** 30 OCT 2018

Approval:   
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 Quality Assurance

14 NOV 2018  
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 Date