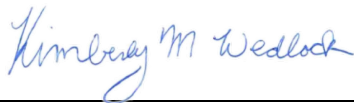


## Certificate of Analysis

### KPL ReserveAP™ Phosphatase-Labeled Affinity Purified Antibody to Human IgM (μ) [Goat]

<b>PART Code</b>	5220-0463 (4751-1003)
<b>Lot No.</b>	10385703
<b>SIZE</b>	1.0 mg/mL
<b>DESCRIPTION</b>	Affinity purified antibody, isolated from a pool of serum from goats immunized with purified human IgM, was labeled with phosphatase using a modified glutaraldehyde procedure.
<b>FORM/STORAGE</b>	Liquid. Store refrigerated at 2 – 8°C.
<b>CONTENT</b>	Each vial contains 1.0 mL of 1.0 mg/mL affinity purified antibody from unlabeled antibody human IgM Lot 10226506.
<b>E/P RATIO</b>	Molar enzyme/antibody protein ratio = 2.7:1
<b>SPECIFICITY</b>	Tested by gel diffusion and ELISA techniques as applicable. This product reacts specifically with human IgM. Antibodies to human IgM may cross react with immunoglobulins of other mammalian species if common bonding sites are shared.
<b>STABILIZERS AND PRESERVATIVES</b>	Stabilization diluent added as a protein stabilizer. A proprietary anti-bacterial agent is added to preserve the product. Non-sterile.
<b>STABILITY</b>	Product is stable for one year from date of receipt when stored properly.
<b>COUNTRY OF ORIGIN OF ANTISERA</b>	United States
<b>DATE OF MANUFACTURE</b>	06 DEC 2018

Approval:



Quality Assurance

20 DEC 2018

Date