



CERTIFICATE OF ANALYSIS

Product **FLUORESCHEIN ANTI-HUMAN IgM (Mu Chain Specific)**
****AFFINITY PURIFIED****

Catalog No. FI-3020

Amount 0.5 mg active conjugate

Lot No. ZD1115

Produced in goat

Concentration 1.0 mg/ml active conjugate

Solution 10 mM HEPES, 0.15 M NaCl, pH 7.5, 0.08% sodium azide.

Free-Fluorochrome None

F/P (molar) 4.4

Storage Conditions Refrigerate in the dark; for long term storage, the solution may be divided into appropriate aliquots and stored frozen.

Solid-phase enzyme immunoassay of cross-reactivity:

<u>Protein</u>	<u>Percent Cross-reactivity</u>
horse IgM, rat IgM	25%
mouse IgM, rabbit IgM	12%
bovine IgG, bovine IgM, cat IgG, chicken IgG, dog IgG, guinea pig IgG, hamster IgG, horse IgG, human IgG, mouse IgG, rat IgG, Rhesus monkey IgG, sheep IgG, swine IgG	<1%

If this fluorescein-labeled antibody is to be used in tissues which may contain cross-reacting endogenous immunoglobulins, dilution of this antibody may be made in buffers containing 2% normal serum from the same species as the tissue.

The recommended concentration range for use is 5-20 µg/ml.