



CERTIFICATE OF ANALYSIS

Product FLUORESCEIN ANTI-RAT IgG (H+L)
AFFINITY PURIFIED

Catalog No. EI-4000

Amount 1.5 mg active conjugate

Lot No. ZC1026

Produced in rabbit

Concentration 1.5 mg/ml active conjugate

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

Free-Fluorochrome None

Maximum Excitation @ 490-500 nm

Maximum Emission @ 510-520 nm

F/P (molar) 1

Storage Conditions Refrigerate in the dark; for long term storage, aliquots may be stored frozen.

Antibody Activity (by solid phase IgG binding assay) 95%

Solid-phase enzyme immunoassay of cross-reactivity:

<u>Protein</u>	<u>Percent Cross-reactivity</u>
hamster IgG	12%
bovine IgG, guinea pig IgG, mouse IgM, Rhesus monkey IgG	6%
cat IgG, horse IgG, mouse IgG, swine IgG	3%
goat IgG, sheep IgG, swine IgM	1%
bovine IgM, chicken IgG, dog IgG, dog IgM, goat IgM, guinea pig IgM, horse IgM, human IgG, human IgM, rat IgM, sheep IgM	<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.

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