



CERTIFICATE OF ANALYSIS

Product FLUORESCCEIN ANTI-RAT IgG (H+L)
AFFINITY PURIFIED *MOUSE ADSORBED*

Catalog No. FI-4001

Amount 0.5 mg active conjugate

Lot No. X0420

Produced in rabbit

Concentration 1 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) 4.1

Storage Conditions Refrigerate in the dark.

Antibody Activity (by solid phase IgG binding assay) 91%

Solid-phase enzyme immunoassay of cross-reactivity:

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