



CERTIFICATE OF ANALYSIS

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

Catalog No. FI-2000

Amount 1.5 mg active conjugate

Lot No. ZD0704

Produced in horse

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) 6.3

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> |
|--|---------------------------------|
| mouse IgM | 25% |
| hamster IgG, rat IgG | 12% |
| guinea pig IgG, rat IgM, swine IgG | 3% |
| bovine IgG | 1% |
| bovine IgM, cat IgG, chicken IgG, dog IgG, dog IgM, goat IgG, goat IgM, human IgG, human IgM, rabbit IgG, rabbit IgM, Rhesus Monkey IgG, sheep IgG, sheep IgM, swine 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.