



CERTIFICATE OF ANALYSIS

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

Catalog No. FI-3000

Amount 1.5 mg active conjugate

Lot No. ZG0721

Produced in goat

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) 7.3

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

Solid-phase enzyme immunoassay of cross-reactivity:

<u>Protein</u>	<u>Percent Cross-reactivity</u>
Rhesus monkey IgG	50%
human IgM	25%
guinea pig IgG, swine IgG	6%
cat IgG, chicken IgG, dog IgG, horse IgG, rat IgG	3%
horse IgM, rabbit IgG	1%
bovine IgG, bovine IgM, hamster IgG, mouse IgG, mouse IgM, rat IgM, sheep 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.