



CERTIFICATE OF ANALYSIS

Product FLUORESCCEIN ANTI-HUMAN IgG (GAMMA CHAIN SPECIFIC)
AFFINITY PURIFIED

Catalog No. FI-3080

Amount 0.5 mg active conjugate

Lot No. ZE0212

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

Maximum Excitation @ 490-500 nm

Maximum Emission @ 510-520 nm

F/P (molar) 6.4

Storage Conditions Refrigerate in the dark.

Antibody Activity (by solid phase IgG binding assay) 93%

Solid-phase enzyme immunoassay of cross-reactivity:

Protein	Percent Cross-reactivity
human IgA, human kappa chain, human IgM, human IgE, human lambda chain	<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 $\mu\text{g/ml}$.