



## CERTIFICATE OF ANALYSIS

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

Catalog No. FI-6000

Amount 1.5 mg active conjugate

Lot No. W0811

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) 5.7

Storage Conditions Refrigerate in the dark.

Antibody activity (by solid-phase IgG binding assay) 92%

Solid-phase enzyme immunoassay of cross-reactivity:

<u>Protein</u>	<u>Percent Cross-reactivity</u>
goat IgG	50%
bovine IgG	25%
bovine IgM, goat IgM, swine IgG	12%
guinea pig IgG, horse IgG	3%
cat IgG, dog IgG	1%
cat IgM, chicken IgG, dog IgM, hamster IgG, horse IgM, human IgG, human IgM, mouse IgG, mouse IgM, rat IgG, rat IgM Rhesus monkey IgG 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.

**Important Note:** The use of bovine products such as casein, serum, albumin or non-fat dry milk as blocking agents in elisa or blot assays may produce a high background due to cross-reactivity of anti-goat IgG with bovine immunoglobulins that may be present. If this antibody is to be used in these applications, blocking with Animal-Free Blocker™ solution (Cat. No. SP-5030) is recommended.

The recommended concentration range for use is 5-20 µg/ml.