



## CERTIFICATE OF ANALYSIS

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

Catalog No. AI-5000

Amount 1.5 mg IgG

Concentration 3mg/ml

Lot No. ZB0519

Produced in rabbit

Solution 10 mM phosphate, pH 7.8, 0.15 M NaCl, 0.08% sodium azide. Sucrose has been added for stabilization.

Storage Refrigerate; for long-term storage, aliquot and store frozen.

Antibody Activity (by solid phase IgG binding assay) 92%

Solid-phase enzyme immunoassay of cross-reactivity:

<u>Protein</u>	<u>Percent Cross-reactivity</u>
sheep IgG	50%
bovine IgG	25%
goat IgM, sheep IgM	12%
bovine IgM, swine IgG	6%
cat IgG, chicken IgG, dog IgG, dog IgM, guinea pig IgG, hamster IgG, horse IgG, human IgG, human IgM, mouse IgG, mouse IgM, rat IgG, rat IgM, Rhesus monkey IgG, swine IgM	<1%

If this 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.