



CERTIFICATE OF ANALYSIS

Product **BIOTINYLATED ANTI-CAT IgG (H+L)**
****AFFINITY PURIFIED****

Catalog BA-9000

Amount 1.5 mg biotinylated IgG

Concentration 1.5mg/ml

Lot No. ZE0214

Produced in goat

Solution 10 mM phosphate, pH 7.8, 0.15 M NaCl, 0.08% sodium azide. Immunohistochemical grade bovine serum albumin has been added for stabilization.

Storage Refrigerate; for long-term storage, aliquots may be stored frozen.

Immunoglobulin biotinylated 99%

Antibody Activity after biotinylation (by solid phase IgG binding assay) 98%

Solid-phase enzyme immunoassay of cross-reactivity:

<u>Protein</u>	<u>Percent Cross-reactivity</u>
dog IgG	12%
mouse IgG	6%
dog, IgM, horse IgG, rabbit IgG, rat IgG, swine IgG	3%
bovine, IgG, guinea pig IgG, swine IgM	1%
bovine IgM, chicken IgG, hamster IgG, human IgG, human IgM, mouse IgM, rabbit IgM, rat IgM, Rhesus monkey IgG, sheep IgG, sheep IgM	<1%

Remarks:

If this biotinylated antibody is to be used in tissues, which may contain cross-reacting endogenous immunoglobulins, dilution of this biotinylated antibody may be made in buffers containing 2% normal serum from the same species as the tissue.

The recommended concentration range for use is 2-10 µg/ml.