



CERTIFICATE OF ANALYSIS

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

Catalog No. BA-9400

Amount 1.5 mg active biotinylated IgG

Concentration 1.5 mg/ml

Lot No. ZG0814

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 100%

Antibody Activity after biotinylation (by solid phase IgG binding assay) 99%

Solid-phase enzyme immunoassay of cross-reactivity:

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

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.

***NOTE: THIS PRODUCT IS NOT THE SAME AS THAT CONTAINED IN THE VECTASTAIN® ABC KITS FOR THE DETECTION OF RAT IgG.**