



## 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. ZB1216

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> |
|--|---------------------------------|
| 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,<br>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.**

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