



## CERTIFICATE OF ANALYSIS

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

Catalog No. BA-9200

Amount 1.5 mg biotinylated IgG

Concentration 1.5 mg/ml

Lot No. ZG0117

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> |
|---|---------------------------------|
| hamster IgG, mouse IgM, rat IgG   | 25%                             |
| rat IgM   | 12%                             |
| guinea pig IgG, swine IgG   | 3%                              |
| dog IgG, human IgG  | 1%                              |
| bovine IgG, bovine IgM, cat IgG, chicken IgG, dog IgM, horse IgG,<br>human IgM, rabbit IgG, rabbit IgM, Rhesus monkey IgG,<br>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 MOUSE IgG.**