



CERTIFICATE OF ANALYSIS

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

Catalog BA-2000

Amount 1.5 mg biotinylated IgG

Concentration 1.5 mg/ml

Lot No. ZE1105

Produced in horse

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) 93%

Solid-phase enzyme immunoassay of cross-reactivity:

| <u>Protein</u> | <u>Percent Cross-reactivity</u> |
|--|---------------------------------|
| hamster IgG, mouse IgM, rat IgG | 12% |
| dog IgG, guinea pig IgG, swine IgG | 3% |
| rat IgM, Rhesus Monkey IgG | 1% |
| bovine IgG, bovine IgM, cat IgG, chicken IgG, dog IgM, goat IgG, goat 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.

* This product is at the same concentration as that provided in the VECTASTAIN[®] ABC kits. The recommended concentration range for use is 2-10 µg/ml.