



CERTIFICATE OF ANALYSIS

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

Catalog No. BA-3000

Amount 1.5 mg biotinylated IgG

Concentration 1.5 mg/ml

Lot No. Y0418

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) 94%

Solid-phase enzyme immunoassay of cross-reactivity:

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