



CERTIFICATE OF ANALYSIS

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

Catalog BA-1400

Amount 2.1 mg biotinylated IgG

Concentration 1.05mg/ml

Lot No. Y1105

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 97%

Antibody Activity after biotinylation (by solid phase IgG binding assay) 95%

Solid-phase enzyme immunoassay of cross-reactivity:

<u>Protein</u>	<u>Percent Cross-reactivity</u>
mouse IgM	12%
hamster IgG, rabbit IgM, rat IgG	6%
rat IgM	3%
bovine IgG, guinea pig IgG, swine IgG	1%
bovine IgM, cat IgG, chicken IgG, dog IgG, dog IgM, goat IgG, goat IgM, human IgG, human IgM, Rhesus monkey IgG, 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 the same solution as that provided in the VECTASTAIN[®] Universal ABC Elite[®] kit (cat. no. PK-6200) and VECTASTAIN[®] Universal ABC-AP kit (cat. no. AK-5200). The recommended concentration range for use is 10-20 μ g/ml.