



CERTIFICATE OF ANALYSIS

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

Catalog BA-9100

Amount 1.5 mg biotinylated IgG

Concentration 1.5 mg/ml

Lot No. X0812

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 98%

Antibody Activity after biotinylation (by solid phase IgG binding assay) 97%

Solid-phase enzyme immunoassay of cross-reactivity:

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

The recommended concentration range for use is 2-10 μ g/ml.