



## CERTIFICATE OF ANALYSIS

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

Catalog BA-7000

Amount 1.5 mg biotinylated IgG

Concentration 1.5 mg/ml

Lot No. ZF1203

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) 97%

Solid-phase enzyme immunoassay of cross-reactivity:

<u>Protein</u>	<u>Percent Cross-reactivity</u>
hamster IgG, human IgG	3%

bovine IgG, bovine IgM, cat IgG, chicken IgG, dog IgG, dog IgM, guinea pig IgM, horse IgG, human IgM, mouse IgG, mouse IgM, rabbit IgG, rabbit IgM, rat IgG, rat IgM, Rhesus monkey IgG, sheep IgG, sheep IgM, swine IgG, swine IgM	<1%
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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.

\* If this product is reconstituted as recommended, the resulting solution will be the same as that provided in the VECTASTAIN<sup>®</sup> ABC kits. The recommended concentration range for use is 2-10 µg/ml.

Vector Laboratories, Inc., 30 Ingold Road, Burlingame, CA 94010 U.S.A.

Tel: (650)697-3600 • Fax: (650)697-0339 • Email: [vector@vectorlabs.com](mailto:vector@vectorlabs.com) • Web: [www.vectorlabs.com](http://www.vectorlabs.com)