



CERTIFICATE OF ANALYSIS

Product **PEROXIDASE ANTI-RABBIT IgG (H+L)**
****AFFINITY PURIFIED****

Catalog No. PI-1000

Amount 1 mg active conjugate

Lot No. ZG0803

Produced in goat

Concentration 1 mg/ml active conjugate

Solution 10 mM HEPES, 0.15 M NaCl, pH 7.5, 0.05% thimerosal

Molar ratio of active conjugate

$$\frac{\text{Moles of HRP}}{\text{Moles of Antibody}} = 3.3$$

Storage Conditions Refrigerate; DO NOT FREEZE

Solid-phase enzyme immunoassay of cross-reactivity:

<u>Protein</u>	<u>Percent Cross-reactivity</u>
rabbit IgM	12%
guinea pig IgG, mouse IgG	3%
cat IgG, dog IgG	1%
bovine IgG, bovine IgM, chicken IgG, dog IgM, guinea pig IgM, hamster IgG, horse IgG, human IgG, human IgM, mouse IgM, rat IgG, rat IgM, Rhesus monkey IgG, sheep IgG, sheep IgM, swine IgG, swine IgM	<1%

If this peroxidase-labeled antibody is to be used in tissues which may contain cross-reacting endogenous immunoglobulins, dilution of this antibody may be made in buffers containing 2% normal serum from the same species as the tissue.

Recommended diluent for microtitration plate assays: 10 mM phosphate, 0.15 M NaCl, pH 7.5, 0.1% Tween 20. Working concentration of HRP-anti rabbit IgG is 0.5-5.0 µg/ml. Do not use sodium azide with this product since it is an inhibitor of horseradish peroxidase.

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