



CERTIFICATE OF ANALYSIS

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

Catalog No. PI-3000

Amount 1 mg active conjugate

Lot No. ZE0308

Produced in goat

Concentration 1 mg/ml active conjugate

Solution 10 mM HEPES, 0.15 M NaCl, pH 7.5, preservative

Molar ratio of active conjugate $\frac{\text{Moles of HRP}}{\text{Moles of Antibody}} = \underline{3.3}$

Storage Conditions Refrigerate; DO NOT FREEZE

Remarks: Do not use sodium azide with this product since it is an inhibitor of horseradish peroxidase.

Solid-phase enzyme immunoassay of cross-reactivity:

<u>Protein</u>	<u>Percent Cross-reactivity</u>
guinea pig IgG, Rhesus monkey IgG	25%
cat IgG, dog IgM, human IgM	6%
chicken IgG, dog IgG, horse IgG, swine IgG	3%
hamster IgG, mouse IgM	1%
bovine IgG, bovine IgM, mouse IgG, rabbit IgG rat IgG, sheep IgG	<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 human IgG is 0.5-5.0 µg/ml.

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