



CERTIFICATE OF ANALYSIS

Product **PEROXIDASE ANTI-RAT IgG (H+L)**
****AFFINITY PURIFIED** MOUSE ADSORBED**

Catalog No. PI-9401

Amount 0.5 mg active conjugate

Lot No. ZG0702A

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

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

Solid-phase enzyme immunoassay of cross-reactivity:

Protein	Percent Cross-reactivity
hamster IgG	25%
rat IgM	12%
bovine IgG, bovine IgM, cat IgG, chicken IgG, dog IgG, dog IgM, guinea pig IgG, human IgG, human IgM, mouse IgG, mouse IgM, rabbit IgG, rabbit 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 rat IgG is 0.5-5.0 µg/ml.