



CERTIFICATE OF ANALYSIS

Product **R.T.U. BIOTINYLATED ANTI-RAT IgG (H+L)**
****AFFINITY PURIFIED****

Catalog BP-9400

Volume 50 ml

Lot No. ZG0731

Produced in goat

Format Ready-to-use solution of biotinylated goat anti-rat IgG in PBS*
containing carrier protein and 0.08% sodium azide as preservative.

Storage Refrigerate

Immunoglobulin biotinylated 100%

Antibody Activity after biotinylation (by solid phase IgG binding assay) 99%

Solid-phase enzyme immunoassay of cross-reactivity:

| <u>Protein</u> | <u>Percent Cross-reactivity</u> |
|--|---------------------------------|
| rat IgM | 50% |
| hamster IgG, mouse IgM | 25% |
| horse IgG, mouse IgG, swine IgG | 6% |
| cat IgG, dog IgG, guinea pig IgG, Rhesus monkey IgG | 3% |
| bovine IgG, chicken IgG, dog IgM, human IgG, human IgM, rabbit IgG, rabbit IgM, sheep IgG, sheep IgM, swine IgM | <1% |

Instructions for Use:

Following incubation with primary antibody, wash specimens in buffer. Apply RTU Biotinylated Anti-Rat IgG and incubate for 30 minutes at room temperature. Wash in buffer for 5 minutes and follow with avidin or streptavidin based detection reagent such as RTU VECTASTAIN[®] Elite[®] ABC Reagent (PK-7100).

* 10mM phosphate, pH 7.8, 0.15M NaCl.