



Certificate of Analysis

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Goat Anti-Mouse IgG, Biotin conjugate

(goat polyclonal IgG)

Catalog # 12-445

Lot # 29600

Immunogen: Highly purified whole mouse IgG.

Specificity: Recognizes mouse IgG, both heavy and light chains. Immunoelectrophoresis resulted in a single precipitin arc against anti-biotin, anti-goat serum, mouse IgG, and mouse serum. Minimum cross reactivity to human serum proteins.

Species Cross-reactivity: Mouse.

Formulation: 500µg of immunoaffinity purified goat IgG, conjugated to biotin, lyophilized from 500µl 0.02M potassium phosphate, pH 7.2, 0.15M NaCl, 0.01% (w/v) sodium azide and 10mg/ml BSA. Biotin/Protein Ratio: 10-20 biotin molecules per Goat IgG molecule. Lyophilized powder.

Rehydration: Rehydrate with 500µl of sterile, distilled water.

Storage and Stability: Lyophilized: Stable for 1 year at 4°C from date of shipment. Rehydrated: Stable for 6 months at -20°C. Aliquot rehydrated solution to avoid repeated freezing and thawing.

**FOR RESEARCH USE ONLY
NOT FOR USE IN HUMANS**

Research Applications

Application(s): Suitable for immunoblotting, ELISA, immunohistochemistry, as well as other applications using streptavidin conjugates. A working dilution of 1:50,000 to 1:200,000 is suggested for ELISA. Optimal antibody dilution for other applications should be determined by the researcher.
