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Certificate of Analysis

Rabbit Anti-Chicken IgY, HRP conjugate

Catalog # 12-341

Lot # JBC1361837

Immunogen: Chicken IgY whole molecule.

Specificity: Immunoelectrophoresis resulted in a single precipitin arc against anti-peroxidase, anti-rabbit serum, chicken IgY, and chicken serum.

Formulation: 500µg of immunoaffinity purified rabbit IgG conjugated to horseradish peroxidase lyophilized from 0.02M Potassium Phosphate, 0.15M NaCl, pH 7.2, 10mg/ml BSA, and 0.01% gentamicin sulfate.

Rehydration: Add 500µl sterile, distilled water containing 50% glycerol, to make a 1mg/ml stock solution.

Storage and Stability: Lyophilized: Stable for 2 years at -20°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**

Quality Control Testing

Application(s): Suitable for immunoblotting (western or dot blot), ELISA and immunohistochemistry. A working dilution of 1:25,000 to 1:100,000 is suggested for ELISA. Optimal antibody dilution for other applications should be determined by the researcher.

General References:

1. Molineaux, *et al.*, PNAS **90**: 1809, 1993.
2. Nicholson, *et al.*, Nature **376**: 37, 1995.
3. Thornberry, *et al.*, Nature **356**: 768, 1992.