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Product Specifications

Product: Peroxidase-conjugated AffiniPure Rabbit Anti-Chicken IgY^{††}(IgG) (H+L)

Code Number: 303-035-003

Lot Number: 86530

Physical State: Freeze-dried solid

Size: 1.5 ml (This product has been overfilled to ensure total recovery of stated quantity.)

Antibody Concentration: 0.8 mg/ml

Suggested Working Concentration: 10-20 ug/ml

Buffer: 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6

Preservative: None

Reconstitution and Storage: Store freeze-dried powder at 2-8°C. When ready to use, rehydrate with 1.5 ml dH₂O and centrifuge if not clear. Product is stable for about 6 weeks at 2-8°C as an undiluted liquid. Prepare working dilution fresh each day. For extended storage after rehydration, aliquot and freeze at -70°C or below. Avoid repeated freezing and thawing. Alternatively, add an equal volume of glycerol (ACS grade or better) for a final concentration of 50%, and store at -20°C as a liquid. Note: adding glycerol reduces the stated protein concentration and dilution range by one-half. ***Expiration date:*** one year from date of rehydration. The expiration date may be extended if test results are acceptable for the intended use.

Purity: The antibody was purified from antisera by immunoaffinity chromatography using antigens coupled to agarose beads.

Antibody Specificity: Based on immunoelectrophoresis and/or ELISA, the antibody reacts with whole molecule chicken IgY. It also reacts with the light chains of other chicken immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. The antibody may cross-react with immunoglobulins from other species.

Country of Origin: USA

Note: For *in vitro* research use only, not for diagnostic or therapeutic use. This product is not a medical device.

††IgY is the original designation for the IgG-like protein found in both serum and egg yolk.