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## **Product Specifications**

**Product:** Alkaline Phosphatase-conjugated AffiniPure® Goat Anti-Guinea Pig IgG (H+L)

**Code Number:** 106-055-003

**Lot Number:** 76729

**Physical State:** Freeze-dried solid

**Size:** 1.0 ml

**Antibody Concentration:** 0.6 mg/ml

**Suggested Dilution Range:** 1:5,000 - 1:50,000 for ELISA and Western blotting

**Alkaline Phosphatase:** Purified from calf intestine

**Buffer:** 0.01M Tris-HCl, 0.25M NaCl, pH 8.0

**Stabilizer:** 15 mg/ml Bovine Serum Albumin (IgG-Free, Protease-Free)

**Preservative:** 0.05% Sodium Azide

**Storage and Rehydration:** Store freeze-dried solid at 2-8° C. Rehydrate with 1.0 ml dH<sub>2</sub>O and centrifuge if not clear. Prepare working dilution on day of use. Product is stable for about 6 weeks at 2-8° C as an undiluted liquid.

**Extended Storage after Rehydration:** Add an equal volume of glycerol (ACS grade or better) for a final concentration of 50%, and store at -20° C as a liquid. **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 guinea pig IgG. It also reacts with the light chains of other guinea pig immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. The antibody may cross-react with immunoglobulins from other species.