

### Product Specification Sheet

**Product:** Affinity Purified anti-Biotin [Goat]

**Code:** 600-101-098

**Lot #** 15501

**Size:** 1.0 mg

**Physical State:** Liquid (sterile filtered)

**Antibody Concentration:** 1.0 mg/ml (by UV absorbance at 280 nm)

**Buffer:** 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

**Stabilizer:** None

**Preservative:** 0.01% (w/v) Sodium Azide

**Application(s):** Suitable for immunoprecipitation, immunodiffusion, conjugation and most immunological methods requiring lot-to-lot consistency, high titer and specificity.

<b>Recommended Dilution(s):</b>	<b>ELISA</b>	1:100,000 - 1:400,000
	<b>WESTERN BLOT</b>	1:10,000 - 1:40,000
	<b>IMMUNOHISTOCHEMISTRY</b>	1:1,000 - 1:5,000
	<b>OTHER APPLICATIONS</b>	User Optimized

**Storage Conditions:** Store vial at 4° C prior to opening. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Expiration date is one (1) year from date of opening product.

**Purity:** This product was prepared from monospecific antiserum by immunoaffinity chromatography using Biotin coupled to sepharose beads. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum, Biotin conjugated IgG and Biotin conjugated Bovine Serum Albumin.

**Immunogen:** Biotin conjugated to Keyhole Limpet Hemocyanin (b-KLH)

**USDA Certification:** All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation.

**Note:** This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information.