

Product datasheet for **TA397671**

Guinea Pig IgG (H&L) Antibody Biotin Conjugated

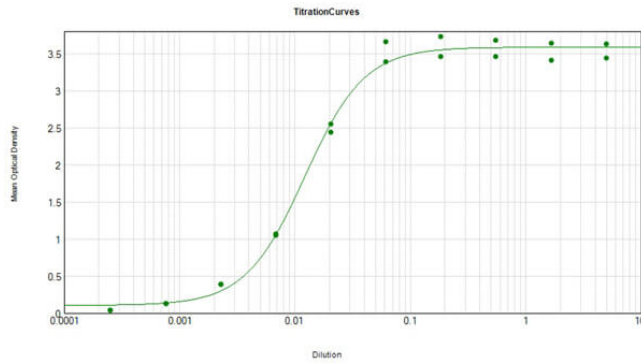
Product data:

Product Type:	Secondary Antibodies
Product Name:	Guinea Pig IgG (H&L) Antibody Biotin Conjugated
Applications:	ELISA, IHC, WB
Recommended Dilution:	WB: 1:2,000 - 1:10,000 IHC: 1:1,000 - 1:5,000 ELISA: 1:20,000 - 1:100,000
Host:	Goat
Immunogen:	Anti-Guinea Pig IgG (H&L) was produced by repeated immunization with guinea pig whole molecule in goat.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Reconstitution Method:	Restore with deionized water (or equivalent) - Reconstitution Volume: 1.0 mL
Concentration:	2.0 mg/mL - lot specific
Conjugation:	Biotin
Storage:	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Note:	Anti-Guinea Pig (H&L) biotin conjugated antibody generated in goat detects specifically guinea pig IgG (H&L). This secondary biotin conjugated antibody anti-Guinea Pig has been tested by ELISA and is ideal for investigators who routinely perform titration assays, western-blot, immunoprecipitation and more generally immunoassays. Antibody anti guinea pig biotin conjugated has been assayed against 1.0 ug of Guinea Pig IgG in a standard capture ELISA using Peroxidase Conjugated Streptavidin #S000-03 and ABTS (2,2'-azino-bis-[3-ethylbenthiiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:10,000 to 1:50,000 of the reconstitution concentration is suggested for this product.



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Product images:



ELISA Results of Goat Anti-Guinea Pig IgG Antibody Biotin Conjugated tested against purified Guinea Pig IgG Biotin. Each well was coated in duplicate with 1.0 µg of Guinea Pig IgG (p/n 006-0102). The working dilution is 1:81,000. The starting dilution of antibody was 5µg/ml and the X-axis represents the Log10 of a 3-fold dilution. This titration is a 4-parameter curve fit where the IC50 is defined as the titer of the antibody. Assay performed using HRP Conjugation Buffer (p/n MB-076), Streptavidin-HRP conjugated (p/n S000-03), and TMB substrate (p/n TMBE-1000).