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Product datasheet for TA397781

Human IgG (H&L) Antibody Peroxidase Conjugated

Product data:

Product Type:	Secondary Antibodies
Product Name:	Human IgG (H&L) Antibody Peroxidase Conjugated
Applications:	ELISA, IHC, WB
Recommended Dilution:	**WB**: 1:1,000 - 1:10,000 **IHC**: 1:500 - 1:2,500 **ELISA**: 1:150,000 - 1:250,000
Reactivity:	Human
Host:	Sheep
Immunogen:	Human IgG whole molecule
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:	HRP
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-Human IgG (H&L) Peroxidase has been tested by ELISA and is assayed against 1.0 µg of Human IgG in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:6,000 to 1:36,000 of the reconstitution concentration is suggested for this product.

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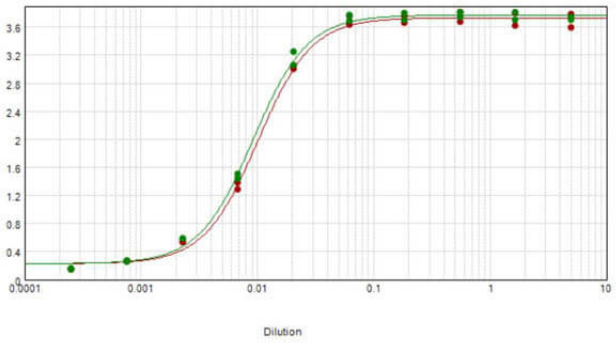
Product images:



ELISA results of purified Sheep Anti-Human IgG Peroxidase Conjugated Antibody tested against purified Human IgG. Each well was coated in duplicate with 1.0 µg of Human IgG (red line). 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 TMB-1000 substrate.