

Product datasheet for **TA397619**

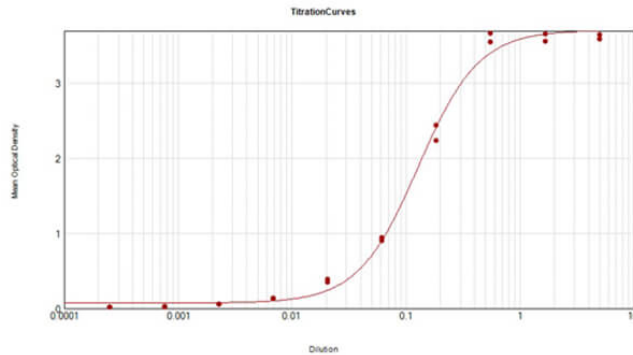
Dog IgG (H&L) Antibody Alkaline Phosphatase Conjugated

Product data:

Product Type:	Secondary Antibodies
Product Name:	Dog IgG (H&L) Antibody Alkaline Phosphatase Conjugated
Applications:	ELISA, IHC, WB
Recommended Dilution:	WB: 1:500 - 1:2,500 IHC: 1:200 - 1:1,000 ELISA: 1:2,000 - 1:10,000
Host:	Goat
Immunogen:	Dog IgG whole molecule
Formulation:	0.05 M Tris Chloride, 0.15M Sodium Chloride, 0.001 M Magnesium Chloride, 0.0001M Zinc Chloride, 50% (v/v) Glycerol; pH 8.0
Concentration:	1.0 mg/mL - lot specific
Conjugation:	Alkaline Phosphatase
Storage:	Store vial at 4° C before opening. DO NOT FREEZE. This product is stable at 4° C as an undiluted liquid. Dilute only prior to immediate use. Freezing alkaline phosphatase conjugates will result in a substantial loss of enzymatic activity.
Note:	Anti-Dog IgG Alkaline Phosphatase Conjugated has been tested by ELISA. This product has been assayed against 1.0 ug of Dog IgG in a standard capture ELISA using pNPP p-nitrophenyl phosphate code # NPP-10 as a substrate for 30 minutes at room temperature. A working dilution of 1:1,000 to 1:5,000 of the reconstitution concentration is suggested for this product.



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Product images:

ELISA Results of Goat Anti-Dog IgG Antibody Alkaline Phosphatase Conjugated tested against purified Dog IgG Alk Phos. Each well was coated in duplicate with 1.0 μg of Dog IgG (p/n 004-0102). The working dilution is 1:8000. The starting dilution of antibody was 5 $\mu\text{g}/\text{ml}$ 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 Alkaline Phosphatase Substrate ELISA Buffer (p/n NPP-10) and NPP Working Buffer (p/n NPP-B500).