

## Product datasheet for **TA397617**

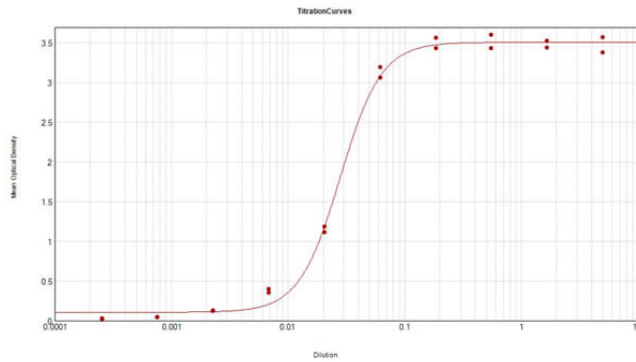
### Dog IgG (H&L) Antibody Peroxidase Conjugated

#### Product data:

|                        |  |
|------------------------|--|
| Product Type:          | Secondary Antibodies   |
| Product Name:          | Dog IgG (H&L) Antibody Peroxidase Conjugated   |
| Applications:          | ELISA, IHC, WB   |
| Recommended Dilution:  | <b>WB:</b> 1:1,000 - 1:10,000<br><b>IHC:</b> 1:500 - 1:2,500<br><b>ELISA:</b> 1:50,000 - 1:150,000   |
| Host:                  | Goat   |
| Immunogen:             | Dog 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-Dog IgG Peroxidase conjugated antibody has been tested by ELISA, This product has been assayed against 1.0 µg of Dog IgG in a standard capture ELISA using 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 1:15,000 to 1:75,000 is suggested for this product. |



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**Product images:**

ELISA Results of Purified Goat Anti-Dog IgG Antibody Peroxidase Conjugated tested against purified Dog IgG. Each well was coated in duplicate with 1.0  $\mu\text{g}$  of Dog IgG (p/n 004-0102). The working dilution is 1:36,000. The starting dilution of antibody was 5 $\mu\text{g}/\text{ml}$  and the X-axis represents the Log<sub>10</sub> of a 3-fold dilution. This titration is a 4-parameter curve fit where the IC<sub>50</sub> is defined as the titer of the antibody. Assay performed using HRP Stabilizer (p/n MB-076) and TMB substrate (p/n TMBE-1000).