

Product Datasheet

Goat IgG (H&L) Antibody Alkaline Phosphatase Conjugated (orb347044)

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| Description | Goat IgG (H&L) antibody (Alkaline Phosphatase) |
| Species/Host | Gallus |
| Reactivity | Goat |
| Conjugation | AP |
| Tested Applications | DOT, ELISA, IHC, WB |
| Immunogen | Goat IgG whole molecule |
| Preservatives | 0.01% (w/v) Sodium Azide |
| Form/Appearance | Liquid (sterile filtered) |
| Concentration | 1.0 mg/mL |
| 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 | For research use only |
| Application notes | Anti-Goat IgG Alkaline Phosphatase Antibody has been tested by dot blot and ELISA. This product has been assayed against 1.0 ug of Goat 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 1:500 to 1:2,000 of the stated concentration is suggested for this product. |
| Isotype | IgG |
| Clonality | Polyclonal |

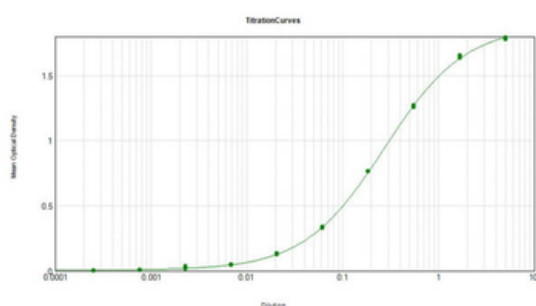
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| Purity | This product was prepared from monospecific antiserum by immunoaffinity chromatography using Goat IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Alkaline Phosphatase (calf intestine), anti-Chicken Serum, Goat IgG and Goat Serum. |
| Dilution Range | ELISA: 1:2,000 - 1:10,000, IHC: 1:200 - 1:1,000, WB: 1:500 - 1:2,500 |
| Expiration Date | 12 months from date of receipt. |



ELISA Results of Chicken Anti-Goat IgG Antibody Alkaline Phosphatase Conjugated tested against purified Goat IgG. Each well was coated in duplicate with 1.0 μg of Goat IgG (p/n orb2652767). The working dilution of Goat IgG Alk Phos is 1:3700. 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 HRP stabilizer and NPP Buffer.

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