

## Product Specifications

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| Product:           | Goat anti-Dog IgG (H&L) - Affinity Pure  |
| Description:       | Goat anti-Dog IgG (H&L) - Affinity Pure, Biotin Conjugate  |
| Part Number:       | GtxDg-003-DBIO   |
| Concentration:     | 1.5 mg/ml (E 1% at 280 nm = 13.0)  |
| Amount:            | 0.5 mg   |
| Conjugate:         | Biotin (NHS-LC)  |
| Form:              | Clear, colorless liquid  |
| Purification:      | Affinity purified using solid phase Dog IgG (H&L)  |
| Purity:            | Affinity purified antibody is > 95% based on SDS-PAGE  |
| Host:              | Goat   |
| Immunogen:         | Purified Dog IgG, whole molecule   |
| Buffer:            | 10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 1 % (w/v)<br>BSA, Protease/IgG free  |
| Preservative:      | 0.05% (w/v) Sodium Azide   |
| Storage:           | 2-8 °C   |
| Shelf Life:        | 1 year from date of receipt. Prepare working dilution prior to use and then discard.   |
| Specificity:       | Based on IEP, this antibody reacts with: <ul style="list-style-type: none"><li>• heavy (<math>\gamma</math>) chains on dog IgG</li><li>• light chains on all dog immunoglobulins</li></ul>   |
| Cross Reactivity:  | Based on IEP, no reactivity is observed to: <ul style="list-style-type: none"><li>• non-immunoglobulin dog serum immunoglobulins</li></ul>   |
| Country of Origin: | Goat serum was obtained from healthy animals of US origin and under the care of a registered veterinarian.   |
| Applications:      | ELISA<br>Immunohistochemistry (IHC)  |
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