

## Product Specifications

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| Product:           | Goat anti-rat IgG (H&L), F(ab)'2 fragment -Affinity Pure   |
| Description:       | Goat anti-Rat IgG (H&L), F(ab)'2 fragment, Biotin Conjugate, min x w/bovine, goat, hamster, horse, human, mouse, or rabbit IgG/serum   |
| Part Number:       | GtxRt-003-L2BIO  |
| Concentration:     | 1.50 mg/ml (E 1% at 280 nm = 13.0)   |
| Amount:            | 0.5 mg   |
| Conjugate:         | Biotin (NHS-LC)  |
| Form:              | Clear, colorless liquid  |
| Purity:            | > 90% based on SDS-PAGE Small amounts of intact IgG may be present.  |
| Host:              | Goat   |
| Immunogen:         | Purified Rat IgG, whole molecule   |
| Buffer:            | 30 mM Triethanolamine, pH 7.2, 5 mM Magnesium Chloride, 0.1 mM Zinc Chloride, 1 % (w/v) BSA, Protease/IgG free   |
| Storage:           | Store undiluted liquid at 2-8 °C. For storage at -20 °C, dilute with an equal volume of glycerol to prevent loss of enzymatic activity. Prepare working dilutions prior to use and then discard.   |
| Shelf Life:        | 1 year from date of receipt. Prepare working dilution prior to use and then discard.   |
| Cross Reactivity:  | Based on IEP, no reactivity is observed to: <ul style="list-style-type: none"><li>• non-immunoglobulin rat serum proteins</li><li>• IgG from goat, hamster, human, mouse, or rabbit</li><li>• serum from bovine, goat, horse, human, mouse, or rabbit</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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