

## Product Specifications

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| Product:           | Goat anti-Human IgM ( $\mu$ chain), F(ab)'2 Fragment - Affinity Pure   |
| Description:       | Goat anti-Human IgM ( $\mu$ chain), F(ab)'2 Fragment - Affinity Pure, FITC Conjugate   |
| Part Number:       | GtxHu-006-GFITC  |
| Concentration:     | 1.50 mg/ml (E 1% at 280 nm = 13.0)   |
| Amount:            | 0.5 mg   |
| Conjugate:         | Fluorescein-5-isothiocyanate (FITC) Amax = 494 nm; Emax = 518 nm   |
| Form:              | Clear, fluorescent yellow liquid   |
| Purification:      | Affinity purified using solid phase Human IgM  |
| Purity:            | > 90% based on SDS-PAGE Small amounts of intact IgG may be present.  |
| Host:              | Goat   |
| Immunogen:         | Purified Human IgM, $\mu$ chain  |
| Buffer:            | 10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 1 % (w/v) 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>\mu</math>) chains on human IgM</li></ul>  |
| Cross Reactivity:  | Based on IEP, no reactivity is observed to: <ul style="list-style-type: none"><li>• non-immunoglobulin human serum proteins</li><li>• light chains on all human 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:      | Flow Cytometry<br>Immunofluorescence<br>ELISA<br>Immunomicroscopy  |
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