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## Certificate of Analysis

Product: Goat anti-Human IgM ( $\mu$  chain), F(ab)'2 Fragment, Affinity Pure

Part Number: GtxHu-006-J  
Lot Number: 68-18-113018  
Concentration: 2.50 mg/ml ( $E^{1\%}$  at 280 nm = 13.0)  
Amount: 1.0 mg  
Form: Clear, colorless liquid, 0.2  $\mu$ m filtered  
Purification: Affinity purified using solid phase Human IgM. F(ab)'2 fragment was prepared by pepsin digestion  
Purity: Affinity purified antibody is  $\geq 90\%$  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  
Preservative: 0.05 % (w/v) Sodium Azide  
Storage: 2 - 8  $^{\circ}$ C  
Expiration Date: November 30, 2021

Specificity: Based on IEP, this antibody reacts with:

- heavy ( $\mu$ ) chains on Human IgM

Cross Reactivity: Based on IEP, no reactivity is observed to:

- light chains on all Human immunoglobulins
- non-immunoglobulin Human serum proteins
- Human IgA or IgG

Country of Origin: Goat serum was obtained from healthy animals of US origin and under the care of a registered veterinarian.

Note: This product was produced by dilution of Part GtxHu-006-J, lot # 41-57-011915.

Applications: Suitable for use in: ELISA, WB, IHC, ICC, CL, FACS, IM, IF.  
The optimal working dilution should be determined by the investigator.

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