

Certificate of Analysis

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

Part Number: GtxHu-006-G

Lot Number: 35-100-062415

Concentration: 9.12 mg/ml ($E^{1\%}$ at 280 nm = 13.0)

Amount: 1.0 mg

Form: Clear, colorless liquid, 0.2 μ 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, μ 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: February 06, 2021

Specificity: Based on IEP, this antibody reacts with:

- heavy (μ) 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

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

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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Testing Results

PRODUCT: Goat anti-Human IgM (μ chain), F(ab)'2 Fragment, Affinity Pure
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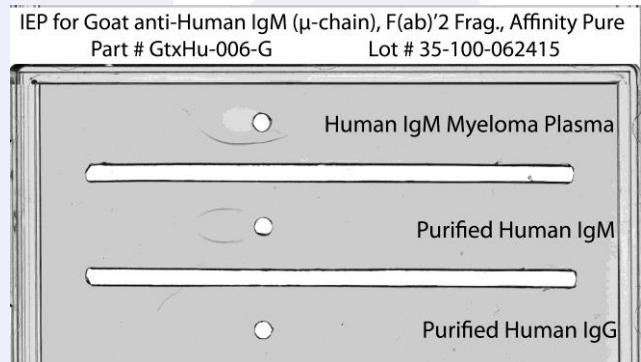
<u>TESTS</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance:	Clear, colorless liquid	PASS
Purity:	One predominant band at 24 kDa based on SDS-PAGE	PASS
Specificity:	Based on IEP, this antibody has precipitin bands with: <ul style="list-style-type: none">heavy (μ) chains on Human IgM	PASS
Cross Reactivity:	Based on IEP, no precipitin bands are observed to:	
	<ul style="list-style-type: none">light chains on all Human immunoglobulinsnon-immunoglobulin Human serum proteins	PASS PASS

SDS-PAGE



- 1) GtxHu-006-G, Lot # 35-100-062415
- 2) Mol Weight Standard

Immuno-electrophoresis (IEP)



Date: February 06, 2019

Signature: 
Quality Control