6003 Chapel Hill Road · Suite # 153 · Raleigh, NC 27607

## **Certificate of Analysis**

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

Part Number: GtxHu-006-J Lot Number: 41-57-011915

Concentration:  $11.1 \text{ mg/ml } (E^{1\%} \text{ at } 280 \text{ nm} = 13.0)$ 

Amount: 1.0 mg

Form: Clear, colorless liquid, 0.2 µm 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 °C

Expiration Date: August 16, 2024

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

• 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.

Applications: Suitable for use in: ELISA, WB, IHC, ICC, CL, FACS, IM, IF.

The optimal working dilution should be determined by the investigator.

Disclaimer: For in vitro Laboratory Use Only. Not for diagnostic or therapeutic use. Not

for human or animal consumption. The proper selection and use of our products is the sole responsibility of the end user, and therefore we can offer no guarantee to a specific experimental outcome. Suggested applications of our products are not recommendations to use our products in violation of any

patent or as a license under any patent of ImmunoReagents, Inc.

Product may not be resold or modified for resale without prior written

approval of ImmunoReagents, Inc.

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## **Testing Results**

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

**PART NUMBER:** GtxHu-006-J **LOT NUMBER:** 41-57-011915

<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:

heavy (μ) chains on Human IgM

PASS

Cross Reactivity: Based on IEP, no precipitin bands are observed to:

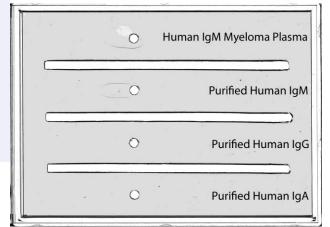
light chains on all Human immunoglobulins
non-immunoglobulin Human serum proteins
Human IgA or IgG
PASS
PASS

#### **SDS-PAGE**

# 1 2 55kDa 31kDa 21kDa

#### <u>Immunoelectrophoresis (IEP)</u>

Goat anti-Human IgM ( $\mu$ -chain), F(ab)'2 Frag., Affinity Pure Part # GtxHu-006-J Lot # 41-57-011915



- 1) GtxHu-006-J, Lot # 41-57-011915
- 2) Mol Weight Standard

Date: August 16, 2021 Signature: Quality Control