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## Certificate of Analysis

Product:	Goat anti-Mouse IgM (H&L), Affinity Pure
Part Number:	GtxMu-007-D
Lot Number:	70-82-101819
Concentration:	10.0 mg/ml (E <sup>1%</sup> at 280 nm = 13.0)
Amount:	2 mg
Form:	Clear, colorless liquid, 0.2 µm filtered
Purification:	Affinity purified using solid phase Mouse IgM
Purity:	≥ 95% based on SDS-PAGE
Host:	Goat
Immunogen:	Purified Mouse IgM, whole molecule
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:	18 October 2022
Specificity:	Based on IEP, this antibody reacts with: <ul style="list-style-type: none"><li>• heavy (µ) chains on Mouse IgM</li><li>• light chains on all Mouse immunoglobulins</li></ul>
Cross Reactivity:	Based on IEP, no reactivity is observed to: <ul style="list-style-type: none"><li>• non-immunoglobulin Mouse serum proteins</li></ul>
Country of Origin:	Goat serum was obtained from healthy animals of US origin and under the care of a registered veterinarian.
Applications:	The optimal working dilution should be determined by the investigator. Suitable for use in: ELISA, IP, IDA, WB, IHC
Disclaimer:	<i>For in vitro Laboratory Use Only.</i> 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.

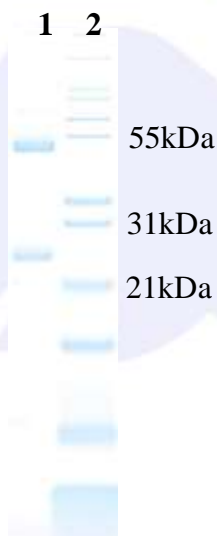
**Product may not be resold or modified for resale without prior written approval of ImmunoReagents, Inc.**

## Testing Results

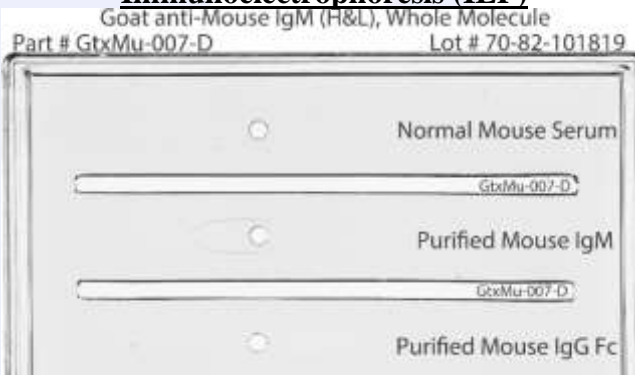
**PRODUCT:** Goat anti-Mouse IgM (H&L), Affinity Pure  
**PART NUMBER:** GtxMu-007-D  
**LOT NUMBER:** 70-82-101819

<u>TESTS</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance:	Clear and Colorless	PASS
Purity:	Two predominant bands at 50 and 24 kDa based on SDS PAGE	PASS
Specificity:	Based on IEP, this antibody has precipitin bands with: <ul style="list-style-type: none"><li>heavy (<math>\mu</math>) chains on Mouse IgM</li><li>light chains on all Mouse immunoglobulins</li></ul>	PASS PASS
Cross Reactivity:	Based on IEP, no precipitin bands are observed to: <ul style="list-style-type: none"><li>non-immunoglobulin Mouse serum proteins</li></ul>	PASS

### SDS PAGE



### Immunoelectrophoresis (IEP)



- 1) GtxMu-007-D Lot # 70-82-101819
- 2) Mol Weight Standard

Date: October 23, 2019

Signature: \_\_\_\_\_

Quality Control