

Certificate of Analysis

Product:	Goat anti-Mouse IgG (H&L), Biotin Conjugate
Part Number:	GtxMu-003-E2BIO
Lot Number:	22-94-100511
Amount:	at 1.2 mg antibody/ml (E ^{1%} at 280 nm = 14.0)
Label:	Biotin
Purification:	Affinity purified using solid phase Mouse IgG
Purity:	Affinity purified antibody is ≥ 95% based on SDS-PAGE
Host:	Goat
Immunogen:	Purified Mouse IgG, whole molecule
Buffer:	10 mM Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.6, 30mg/ml BSA, Protease/IgG free
Preservative:	0.05 % (w/v) Sodium Azide
Storage:	2-8 ° C
Shelf Life:	1 year from date of receipt
Specificity:	Based on IEP, this antibody reacts with: <ul style="list-style-type: none">• heavy (γ) chains on mouse IgG• light chains on all mouse immunoglobulins
Cross Reactivity:	Based on IEP, no reactivity is observed to: <ul style="list-style-type: none">• non-immunoglobulin mouse serum proteins• serum proteins from bovine, horse, human, rabbit, or pig (swine)
Country of Origin:	Goat serum was obtained from animals of US origin and under the care of a registered veterinarian.
Note:	The current product was prepared using Part # GtxMu-003-E2, Lot # 22-81-092611
Applications:	This conjugate is suitable for all immunoassay applications. The optimal working dilution should be determined by the investigator. Suggested starting dilution(s): <ul style="list-style-type: none">• 1:20,000 – 1:500,000 for ELISA/Western blot• 1:500 – 1:5,000 for Immunohistochemistry
Disclaimer:	<i>For in vitro Laboratory Use Only.</i> Not for diagnostic or therapeutic use. Not for human or animal consumption. 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 IgG (H&L), Biotin Conjugate
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<u>TESTS</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance:	Clear, colorless liquid	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"> • heavy (γ) chains on mouse IgG • light chains on all mouse immunoglobulins 	PASS PASS
Cross Reactivity:	Based on IEP, no precipitin bands are observed to: <ul style="list-style-type: none"> • non-immunoglobulin mouse serum proteins • serum proteins from bovine, horse, human, rabbit or pig (swine) 	PASS PASS
ELISA:	Dilution giving A^{405} reading of ≥ 1.0 when tested against mouse IgG (H&L) coated at $2\mu\text{g/ml}$	450,000

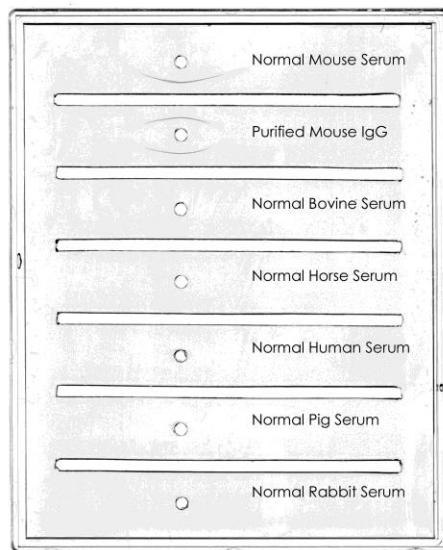
SDS PAGE



- 1) GtxMu-003-E2, Lot # 22-81-092611
- 2) Mol Weight Standard

Immunoelectrophoresis (IEP)

Part # GtxMu-003-E2 Lot #: 22-81-092611 QCP# 3081



Date: July 28, 2020

Signature: Lee Berdeman, Ph.D.
 Quality Control