

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

## **Certificate of Analysis**

Product:	Goat anti-Mouse IgG (H&L), DyLight <sup>®</sup> 594 Conjugate		
Part Number:	GtxMu-003-E2594NHSX		
Lot Number:	61-103-071818		
Amount:	1.0 mg of lyophilized antibody (E $^{1\%}$ at 280 nm = 13.0)		
Fluorophore:	$DyLight^{(B)} 594 (Ex = 593 nm; Em = 618 nm)$		
Fluor/Protein Ratio:	4.3 Moles DyLight <sup>®</sup> 594 per Mole Antibody		
Purification:	Antibody was affinity purified using solid phase Mouse IgG		
Purity:	Affinity purified antibody is $\geq$ 95 % based on SDS-PAGE		
Host:	Goat		
Immunogen:	Purified Mouse IgG, whole molecule		
Buffer:	10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2,		
D	1 % (w/v) BSA, Protease/IgG free		
Preservative:	0.05 % (w/v) Sodium Azide		
Reconstitution:	Rehydrate with 1.1 ml of deionized water. Allow reconstituted product to stand for at least 30 minutes at room temperature prior to dilution. If		
	necessary, centrifuge to remove any particulates. Prepare fresh working		
	dilution daily.		
Storage:	Store freeze dried powder at $2 - 8$ °C.		
Shelf Life:	Product is stable for up to 4 weeks at $2 - 8$ °C after rehydration. For extended		
	storage after rehydration, add an equal volume of glycerol and store at $-20$ °C.		
Specificity:	Based on IEP, this antibody reacts with:		
	<ul> <li>heavy (γ) chains on Mouse IgG</li> </ul>		
	• light chains on all Mouse immunoglobulins		
Cross Reactivity:	Based on IEP, no reactivity is observed to:		
	<ul> <li>non-immunoglobulin Mouse serum proteins</li> </ul>		
	• serum proteins from Bovine, Horse, Human, Rabbit, or Swine		
Country of Origin:	Goat serum was obtained from healthy animals of US origin and under the		
	care of a registered veterinarian.		
Note:	This conjugate was prepared using Part # GtxMu-003-E2, Lot #20-136-		
	101216.		
Applications:	This conjugate is suitable for use in: FLISA, WB, IF, IM, FACS. The		
	optimal working dilution should be determined by the investigator. Suggested		
	starting dilution(s):		
D' 1'	• 1:20 – 1:2,000 for most applications		
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. <b>Product may</b>		
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## **Testing Results**

PRODUCT: PART NUMBER: LOT NUMBER:	Goat anti-Mouse IgG (H&L), DyLi GtxMu-003-E2594NHSX 61-103-071818	ight <sup>®</sup> 594 Conjugate	
<u>TESTS</u>	SPECIFICATIONS	<u>1</u>	RESULTS
Appearance:	Red to purple powder		PASS
Purity:	Two predominant bands at 50 and 2	24 kDa based on SDS-PAGE	PASS
Specificity:	<ul> <li>Based on IEP, this antibody has precipitin bands with:</li> <li>heavy (γ) chains on Mouse IgG</li> <li>light chains on all Mouse immunoglobulins</li> </ul>		PASS PASS
Cross Reactivity:	<ul> <li>Based on IEP, no precipitin bands are observed to:</li> <li>non-immunoglobulin Mouse serum proteins</li> <li>serum proteins from Bovine, Horse, Human, Rabbit, or Swine</li> </ul>		PASS PASS
FLISA:	Mean fluorescent value of 8 $\mu$ g/ml of DyLight <sup>®</sup> conjugate 534 MFI's when tested against Mouse IgG coated at 4 $\mu$ g/ml		
F.I.T.:	Mean fluorescent intensity of a 1:10 Ex-593 nm (+/-9)/Em-618 nm (+/-9		1844 MFI's
SDS PAGE 1 2		Immunoelectrophoresis ( IEP Image for Goat anti-Mouse IgG (H&L), Affini Part # GtxMu-003-E2 Lot # 20-136-101	ty Pure
		o Normal Mouse	Serum
<b>5</b> 5k	Da	O Purified Mo	puse IgG
<b>31</b> k	Da	Normal Bovin	e Serum
21k	Da	O Normal Hors	e Serum
		O Normal Huma	n Serum
-		> Normal Pi	g Serum
,	03-E2, Lot # 61-103-071818 ght Standard	O Normal Rabb	it Serum
Date: July 25, 2018	Signature: _	Ja kul	
		Quality Control	