
Certificate of Analysis

Product: Goat anti-Mouse IgG (H&L), DyLight® 594 Conjugate

Part Number: GtxMu-003-D594NHSX

Lot Number: 80-12-091620

Amount: 1.0 mg of lyophilized antibody (E¹% at 280 nm = 13.0)

Fluorophore: DyLight® 594 (Ex = 593 nm; Em = 618 nm)

Fluor/Protein Ratio: 3.2 Moles DyLight® 594 per Mole Antibody

Purification: Antibody was 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, 0.15 M Sodium Chloride, pH 7.2,
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:

- heavy (γ) chains on Mouse IgG
- light chains on all Mouse immunoglobulins

Cross Reactivity: Based on IEP, no reactivity is observed to:

- non-immunoglobulin Mouse serum proteins

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-D, Lot # 69-137-022620.

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):

- 1:20 – 1:2,000 for most applications

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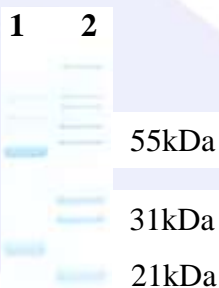
Product may not be resold or modified for resale without prior written approval of ImmunoReagents, Inc.

Testing Results

PRODUCT: Goat anti-Mouse IgG (H&L), DyLight® 594 Conjugate
PART NUMBER: GtxMu-003-D594NHSX
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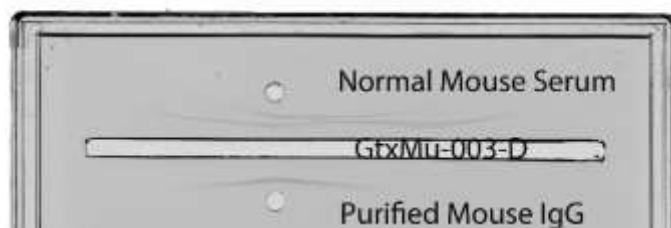
<u>TESTS</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance:	Red to purple powder	PASS
Purity:	Two predominant bands at 50 and 24 kDa based on SDS-PAGE	PASS
Specificity:	Based on IEP, this antibody has precipitin bands with: <ul style="list-style-type: none">heavy (γ) chains on Mouse IgGlight chains 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	PASS
FLISA:	Mean fluorescent value of 8 $\mu\text{g/ml}$ of DyLight® conjugate when tested against Mouse IgG coated at 4 $\mu\text{g/ml}$	439 MFI's

SDS PAGE



Immunoelectrophoresis (IEP)

IEP for Goat anti-Mouse IgG (H&L), Affinity Pure
Part # GtxMu-003-D Lot # 69-137-022620



- 1) GtxMu-003-D, Lot # 69-137-022620
- 2) Mol Weight Standard

Date: September 22, 2020

Signature: _____

Quality Control