
Certificate of Analysis

Product:	Goat anti-Mouse IgG (H&L), DyLight® 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® 594 (Ex = 593 nm; Em = 618 nm)
Fluor/Protein Ratio:	4.3 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: <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 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): <ul style="list-style-type: none">• 1:20 – 1:2,000 for most applications
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