
Certificate of Analysis

Product:	Goat anti-Chicken IgY (H&L), DyLight® 594 Conjugate
Part Number:	GtxCk-003-D594NHSX
Lot Number:	70-55-080119
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:	5.3 Moles DyLight® 594 per Mole Antibody
Purification:	Antibody was affinity purified using solid phase Chicken IgY
Purity:	Affinity purified antibody is ≥ 95 % based on SDS-PAGE
Host:	Goat
Immunogen:	Purified Chicken IgY, 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 at room temperature for at least 30 minutes prior to dilution. If necessary, centrifuge to remove any particulates. Prepare fresh working dilution daily.
Storage:	Store lyophilized material at 2-8 °C. For storage at -20 °C after reconstitution, dilute with an equal volume of glycerol to prevent loss of enzymatic activity. Prepare working dilution prior to use and then discard.
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 Chicken IgY• light chains on all Chicken immunoglobulins
Cross Reactivity:	Based on IEP, no reactivity is observed to: <ul style="list-style-type: none">• non-immunoglobulin Chicken 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 # GtxCk-003-D, Lot # 65-161-061919
Applications:	This conjugate is suitable for immunomicroscopy and flow cytometry. 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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