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

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:

• heavy (γ) chains on Chicken IgY

• light chains on all Chicken immunoglobulins

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

• 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):

• 1:20-1:2,000 for most applications

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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

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Testing Results

PRODUCT: Goat anti-Chicken IgY (H&L), DyLight® 594 Conjugate

PART NUMBER: GtxCk-003-D594NHSX

LOT NUMBER: 70-55-080119

TESTS SPECIFICATIONS RESULTS

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:

heavy (γ) chains on Chicken IgY
light chains on all Chicken immunoglobulins
PASS

Cross Reactivity: Based on IEP, no precipitin bands are observed to:

non-immunoglobulin Chicken serum proteins
PASS

FLISA: Mean fluorescent value of 8 µg/ml of DyLight® conjugate 537 MFI's

when tested against Chicken IgY coated at 4 µg/ml

F.I.T.: Mean fluorescent intensity of a 1:1000 dilution at 2112 MFI's

Ex-593 nm (+/-9)/Em-618 nm (+/-9)

SDS-PAGE

1 2

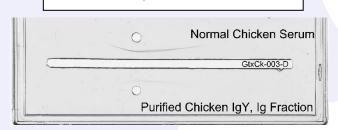
55kDa

31kDa

21kDa

Immunoelectrophoresis (IEP)

GtxCk-003-D, Lot # 65-161-061919



1) GtxCk-003-D, Lot # 65-161-061919

2) Mol Weight Standard

Date: August 12, 2019 Signature:

Quality Control

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