
Certificate of Analysis

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

Part Number: GtxRb-003-D594NHSX
Lot Number: 80-4-080320
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: 4.5 Moles DyLight® 594 per Mole Antibody
Purification: Antibody was affinity purified using solid phase Rabbit IgG
Purity: Affinity purified antibody is ≥ 95 % based on SDS-PAGE
Host: Goat
Immunogen: Purified Rabbit 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 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 Rabbit IgG
- light chains on all Rabbit immunoglobulins

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

- non-immunoglobulin Rabbit 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 # GtxRb-003-D, Lot # 58-84-020218
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

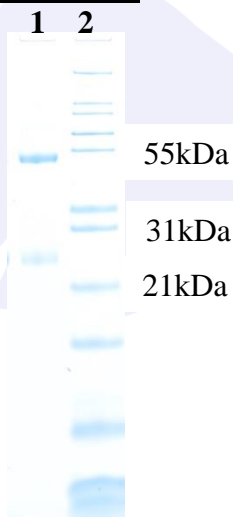
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Testing Results

PRODUCT: Goat anti-Rabbit IgG (H&L), DyLight® 594 Conjugate
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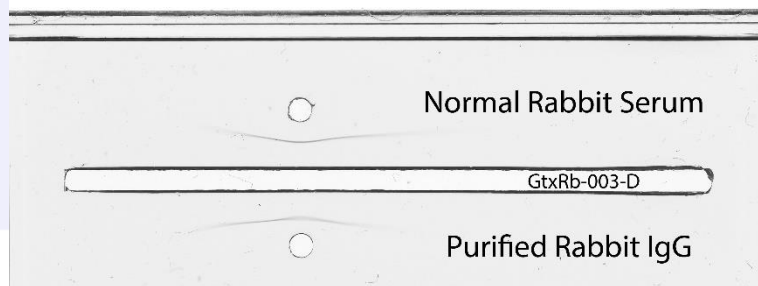
<u>TESTS</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance:	Red to purple powder	PASS
Purity:	Two predominant bands at 50 and 24 kDa based on SDS-PAGE	PASS
Specificity:	Based on IEP, this antibody has precipitin bands with: <ul style="list-style-type: none">heavy (γ) chains on Rabbit IgGlight chains on all Rabbit immunoglobulins	PASS PASS
Cross Reactivity:	Based on IEP, no precipitin bands are observed to: <ul style="list-style-type: none">non-immunoglobulin Rabbit serum proteins	PASS
FLISA:	Mean fluorescent value of 8 μ g/ml of DyLight® conjugate when tested against Rabbit IgG coated at 4 μ g/ml	1828 MFI's

SDS-PAGE

- 1) GtxRb-003-D, Lot # 58-84-020218
- 2) Mol Weight Standard

Immunoelectrophoresis (IEP)

IEP For Goat anti-Rabbit IgG (H+L), Affinity Pure
Part # GtxRb-003-D Lot # 58-84-020218



Date: August 11, 2020

Signature: 
Quality Control