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## Certificate of Analysis

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

Part Number: GtxRb-003-F594NHSX  
Lot Number: 69-48-071919  
Amount: 1.0 of antibody lyophilized (E<sup>1%</sup> at 280 nm = 13.0)  
Fluorophore: DyLight® 594 (Ex = 593 nm; Em = 618 nm)  
Fluor/Protein Ratio: 5.5 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 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 rabbit IgG
- light chains on all rabbit immunoglobulins

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

- non-immunoglobulin rabbit serum proteins
- serum proteins from bovine, goat, human, mouse or rat
- IgG from bovine, goat, human, mouse or rat

Country of Origin: Goat serum was obtained from healthy animals of US origin and under the care of a registered veterinarian.

Note: Conjugate prepared using Part # GtxRb-003-F, lot # 61-109-082718.

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

Disclaimer: *For in vitro Laboratory Use Only.* Not for diagnostic or therapeutic use. Not for human or animal consumption. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license under any patent of ImmunoReagents, Inc.  
**Product may not be resold or modified for resale without prior written approval of ImmunoReagents, Inc.**

## Testing Results

**PRODUCT:** Goat anti-Rabbit IgG (H&L), DyLight® 594 Conjugate  
**PART NUMBER:** GtxRb-003-F594NHSX  
**LOT NUMBER:** 69-48-071919

**TESTS**

Appearance:  
 Purity:  
 Specificity:

**SPECIFICATIONS**

Red to Purple powder  
 Two predominant bands at 50 and 24 kDa based on SDS PAGE  
 Based on IEP, this antibody has precipitin bands with:

- heavy ( $\gamma$ ) chains on rabbit IgG
- light chains on all rabbit immunoglobulins

Based on IEP, no precipitin bands are observed to:

- non-immunoglobulin rabbit serum proteins
- serum proteins from bovine, goat, human, mouse or rat
- IgG from bovine, goat, human, mouse or rat

**RESULTS**

PASS  
 PASS  
 PASS  
 PASS  
 PASS  
 PASS

Cross Reactivity:

FLISA:

Mean fluorescent value of 8 $\mu$ g/ml of DyLight® conjugate when tested against rabbit IgG coated at 4  $\mu$ g/ml.

740 MFI's

F.I.T.:

Mean fluorescent intensity of a 1:1000 dilution at Ex-593 nm (+/-9) / Em-618 nm (+/-9)

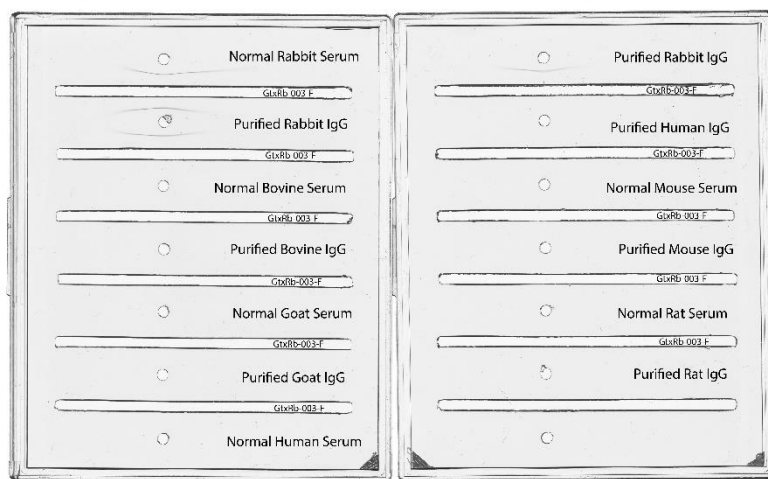
2383 MFI's

**SDS PAGE**



**Immunoelectrophoresis (IEP)**

IEP For Goat anti-Rabbit IgG (H+L), Affinity Pure  
 Part # GtxRb-003-F Lot # 61-109-082718



- 1) GtxRb-003-F, Lot # 61-109-082718
- 2) Mol Weight Standard

Date: July 29, 2019

Signature: \_\_\_\_\_

*John Alt*

Quality Control