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## Certificate of Analysis

Product:	Goat anti-Rabbit IgG (H&L), DyLight® 650 Conjugate
Part Number:	GtxRb-003-D650NHSX
Lot Number:	65-83-010819
Amount:	1.0 mg of antibody lyophilized (E <sup>1%</sup> at 280 nm = 13.0) (Product has been overfilled to ensure maximum recovery)
Fluorophore:	DyLight® 650 (Ex = 652 nm; Em = 672 nm)
Fluor/Protein Ratio:	2.5 Moles DyLight® 650 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 solution to stand at room temperature for at least 30 minutes to dissolve. Centrifuge to remove any remaining 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"><li>• heavy (γ) chains on rabbit IgG</li><li>• light chains on all rabbit immunoglobulins</li></ul>
Cross Reactivity:	Based on IEP, no reactivity is observed to: <ul style="list-style-type: none"><li>• non-immunoglobulin rabbit serum proteins</li></ul>
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-D, Lot # 41-191-091217 (a dilution of Lot # 41-183-081417).
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"><li>• 1:20 – 1:2,000 for most applications</li></ul>
Disclaimer:	<i>For in vitro Laboratory Use Only.</i> 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. <b>Product may not be resold or modified for resale without prior written approval of ImmunoReagents, Inc.</b>

## Testing Results

**PRODUCT:** Goat anti-Rabbit IgG (H&L), DyLight® 650 Conjugate  
**PART NUMBER:** GtxRb-003-D650NHSX  
**LOT NUMBER:** 65-83-010819

<u>TESTS</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance:	Blue fluorescent 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"><li>heavy (<math>\gamma</math>) chains on rabbit IgG</li><li>light chains on all rabbit immunoglobulins</li></ul>	PASS PASS
Cross Reactivity:	Based on IEP, this antibody does not have precipitin bands to: <ul style="list-style-type: none"><li>non-immunoglobulin rabbit serum proteins</li></ul>	PASS
FLISA:	Mean fluorescent value of 8 $\mu$ g/ml of DyLight® conjugate when tested against rabbit IgG coated at 4 $\mu$ g/ml.	282 MFI's
F.I.T.:	Mean fluorescent intensity of a 1:1000 dilution at Ex-652 nm (+/-9) / Em-672 nm (+/-9)	707 MFI's

### SDS PAGE

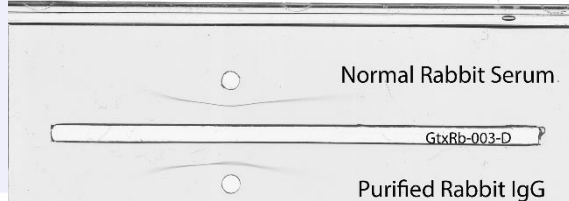


### Immunoelectrophoresis (IEP)

IEP For Goat anti-Rabbit IgG (H+L), Affinity Pure

Part # GtxRb-003-D

Lot # 41-183-081417



- 1) GtxRb-003-D, Lot # 41-191-091217
- 2) Mol Weight Standard

Date: January 17, 2019

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

  
Quality Control