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## Certificate of Analysis

Product:	Rabbit anti-Goat IgG (H&L), DyLight® 650 Conjugate
Part Number:	RbxGt-003-D650NHSX
Lot Number:	70-59-081319
Amount:	1.0 mg of lyophilized antibody (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:	2.8 Moles DyLight® 650 per Mole Antibody
Purification:	Antibody was affinity purified using solid phase Goat IgG
Purity:	Affinity purified antibody is ≥ 95 % based on SDS-PAGE
Host:	Rabbit
Immunogen:	Purified Goat 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 Goat IgG</li><li>• light chains on all Goat immunoglobulins</li></ul>
Cross Reactivity:	Based on IEP, no reactivity is observed to: <ul style="list-style-type: none"><li>• non-immunoglobulin Goat serum proteins</li></ul>
Country of Origin:	Rabbit serum was obtained from healthy animals of US origin and under the care of a registered veterinarian.
Note:	This conjugate was prepared using Part # RbxGt-003-D, Lot # 67-28-012519
Applications:	This conjugate is suitable for use in: FLISA, WB, IF, IM, FACS. 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. 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 any patent of ImmunoReagents, Inc.

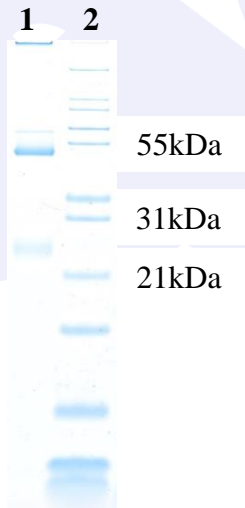
**Product may not be resold or modified for resale without prior written approval of ImmunoReagents, Inc.**

### Testing Results

**PRODUCT:** Rabbit anti-Goat IgG (H&L), DyLight® 650 Conjugate  
**PART NUMBER:** RbxGt-003-D650NHSX  
**LOT NUMBER:** 70-59-081319

<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 (γ) chains on Goat IgG</li> <li>• light chains on all Goat 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 Goat serum proteins</li> </ul>	PASS
FLISA:	Mean fluorescent value of 8 μg/ml of DyLight® conjugate when tested against Goat IgG coated at 4 μg/ml	534 MFI's
F.I.T.:	Mean fluorescent intensity of a 1:1000 dilution at Ex-652 nm (+/-9)/Em-672 nm (+/-9)	559 MFI's

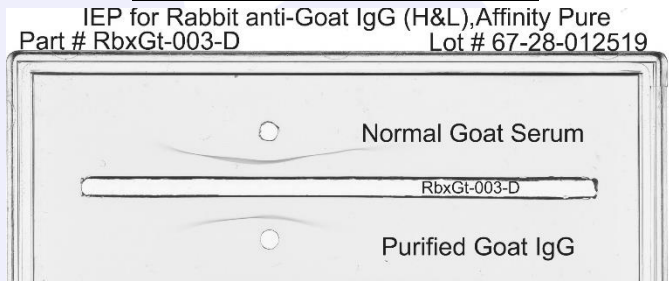
**SDS-PAGE**



- 1) RbxGt-003-D, Lot # 67-28-012519
- 2) Mol Weight Standard

Date: August 22, 2019

**Immuno-electrophoresis (IEP)**



Signature: \_\_\_\_\_  
 Quality Control