

Certificate of Analysis

Product:	Donkey anti-Goat IgG (H&L), DyLight® 594 Conjugate
Part Number:	DkxGt-003-E594NHSX
Lot Number:	67-93-082019
Amount:	1.0 mg of antibody lyophilized (E ^{1%} at 280 nm = 13.0)
Form:	Lyophilized
Fluorophore:	DyLight® 594 (Ex = 593 nm; Em = 618 nm)
Fluor/Protein Ratio:	4.6 Moles DyLight® 594 per Mole Antibody
Purification:	Antibody was affinity purified using solid phase Goat IgG
Purity:	Affinity purified antibody is ≥ 95% based on SDS-PAGE
Host:	Donkey
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 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: <ul style="list-style-type: none">• heavy (γ) chains on goat IgG• light chains on all goat immunoglobulins
Cross Reactivity:	Based on IEP, no reactivity is observed to: <ul style="list-style-type: none">• non-immunoglobulin goat serum proteins• IgG from human, mouse, rabbit or rat
Country of Origin:	Donkey serum was obtained from healthy animals of US origin and under the care of a registered veterinarian.
Note:	Conjugate was prepared using Part # DkxGt-003-E, lot # 70-53-072619
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">• 1:20 – 1:2,000 for most applications
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.

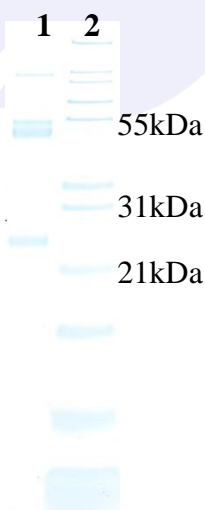
Product may not be resold or modified for resale without prior written approval of ImmunoReagents, Inc.

Testing Results

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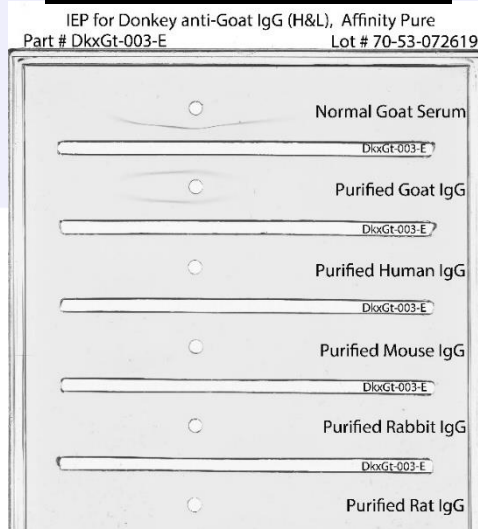
<u>TESTS</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance:	Red to Purple powder	PASS
Purity:	Two predominant bands at 50 and 24 kDa based on SDS PAGE	PASS
Specificity:	Based on IEP, this antibody has precipitin bands with: <ul style="list-style-type: none"> • heavy (γ) chains on goat IgG • light chains on all goat immunoglobulins 	PASS PASS
Cross Reactivity:	Based on IEP, no precipitin bands are observed to: <ul style="list-style-type: none"> • non-immunoglobulin goat serum proteins • IgG from human, mouse, rabbit or rat 	PASS PASS
FLISA:	Mean fluorescent value of 8 μ g/ml of DyLight® conjugate when tested against goat IgG coated at 4 μ g/ml.	1331 MFI's
F.I.T.:	Mean fluorescent intensity of a 1:1000 dilution at Ex-593 nm (+/-9) / Em-618 nm (+/-9)	1240 MFI's

SDS PAGE



- 1) DkxGt-003-E, Lot # 70-53-072619
- 2) Mol Weight Standard

Immunoelectrophoresis (IEP)



Date: September 9, 2019

Signature: _____

Quality Control

