ImmunoReagents, Inc.
6003 Chapel Hill Road · Suite # 153 · Raleigh, NC 27607

Certificate of Analysis

Product:	Goat anti-Guinea Pig IgG (H&L), DyLight® 594 Conjugate
Part Number:	GtxGp-003-F594NHSX
Lot Number:	75-28-120619
Amount:	1.0 of antibody lyophilized ($E^{1\%}$ at 280 nm = 13.0)
Fluorophore:	DyLight® 594 (Ex = 593 nm; Em = 618 nm)
Fluor/Protein Ratio:	4.1 Moles DyLight® 594 per Mole Antibody
Purification:	Antibody was affinity purified using solid phase Guinea Pig IgG
Purity:	Affinity purified antibody is ≥ 95% based on SDS-PAGE
Host:	Goat
Immunogen:	Purified Guinea Pig 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 Guinea Pig IgG • light chains on all Guinea Pig immunoglobulins
Cross Reactivity:	Based on IEP, no reactivity is observed to: • non-immunoglobulin Guinea Pig serum proteins • IgG from bovine, chicken, goat, hamster, horse, human, mouse, rabbit, rat or sheep
Country of Origin:	Goat serum was obtained from healthy animals of US origin and under the care of a registered veterinarian.
Note:	Conjugate was prepared using Part # GtxGp-003-F, lot # 41-49-121114.
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.**

ImmunoReagents, Inc.
6003 Chapel Hill Road · Suite # 153 · Raleigh, NC 27607

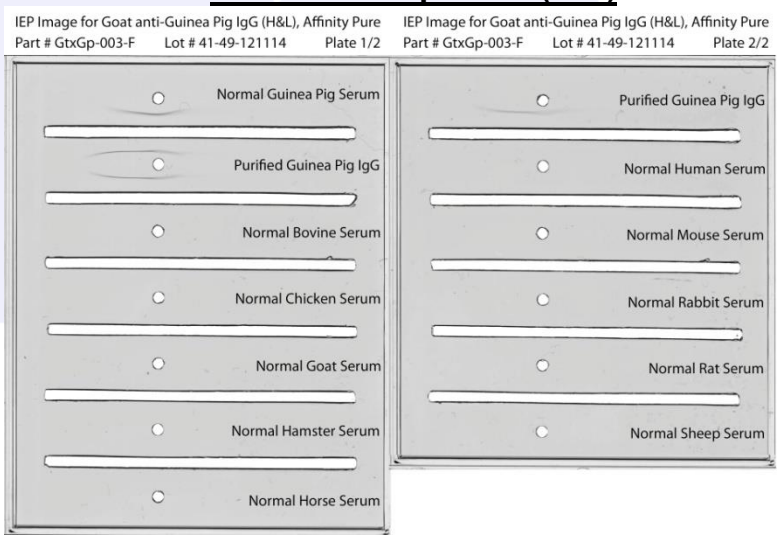
Testing Results

PRODUCT: Goat anti-Guinea Pig IgG (H&L), DyLight® 594 Conjugate
PART NUMBER: GtxGp-003-F594NHSX
LOT NUMBER: 75-28-120619

TESTS	SPECIFICATIONS	RESULTS
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:	
	• heavy (γ) chains on Guinea Pig IgG	PASS
	• light chains on all Guinea Pig immunoglobulins	PASS
Cross Reactivity:	Based on IEP, no precipitin bands are observed to:	
	• non-immunoglobulin Guinea Pig serum proteins	PASS
	• IgG from bovine, chicken, goat, hamster, horse, human, mouse, rabbit, rat or sheep	PASS
FLISA:	Mean fluorescent value of 8µg/ml of DyLight® conjugate when tested against Guinea Pig IgG coated at 4 µg/ml.	600 MFI's
F.I.T.:	Mean fluorescent intensity of a 1:1000 dilution at Ex-593 nm (+/-9) / Em-618 nm (+/-9)	1109 MFI's

SDS PAGE

Immunoelectrophoresis (IEP)



1) GtxGp-003-F, Lot # 41-49-121114
2) Mol Weight Standard

Date: December 13, 2019 Signature:_____
Quality Control