
Certificate of Analysis

Product:	Donkey anti-Goat IgG (H&L), DyLight® 550 Conjugate
Part Number:	DkxGt-003-D550NHSX
Lot Number:	81-62-031121
Amount:	1.0 mg of antibody lyophilized (E ^{1%} at 280 nm = 13.0) (Product has been overfilled to ensure maximum recovery)
Fluorophore:	DyLight® 550 (Ex = 562 nm; Em = 576 nm)
Fluor/Protein Ratio:	5.1 Moles DyLight® 550 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 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">• 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
Country of Origin:	Donkey serum was obtained from healthy animals of US origin and under the care of a registered veterinarian.
Note:	Conjugate prepared using Part # DkxGt-003-D, Lot # 81-47-012921
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

PRODUCT: Donkey anti-Goat IgG (H&L), DyLight® 550 Conjugate
PART NUMBER: DkxGt-003-D550NHSX
LOT NUMBER: 81-62-031121

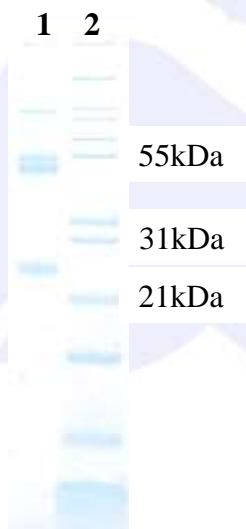
TESTS

SPECIFICATIONS

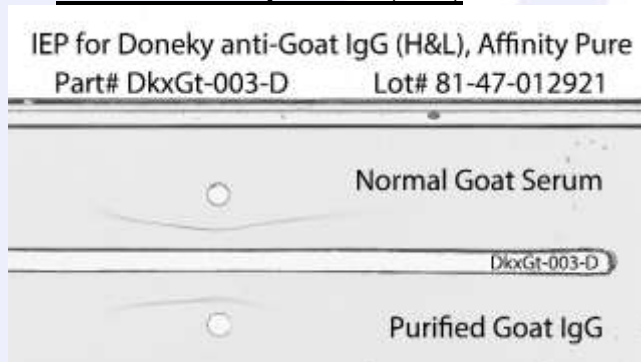
RESULTS

Appearance:	Pink 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">heavy (γ) chains on Goat IgGlight chains on all Goat immunoglobulins	PASS PASS
Cross Reactivity:	Based on IEP, this antibody does not have precipitin bands to: <ul style="list-style-type: none">non-immunoglobulin Goat serum proteins	PASS
FLISA:	Mean fluorescent value of 8 $\mu\text{g/ml}$ of DyLight® conjugate when tested against Goat IgG coated at 4 $\mu\text{g/ml}$	687 MFI's

SDS-PAGE



Immunoelectrophoresis (IEP)



- 1) DkxGt-003-D, Lot # 81-47-012921
- 2) Mol Weight Standard

Date: March 19, 2021

Signature: _____


Quality Control