
Certificate of Analysis

Product: Goat anti-Llama IgG (H&L), DyLight® 800 Conjugate

Part Number: GtxLI-003-D800NHSX

Lot Number: 61-138-030620

Amount: 1.0 mg of antibody lyophilized (E^{1%} at 280 nm = 13.0)
(Product has been overfilled to ensure maximum recovery)

Fluorophore: DyLight® 800 (Ex = 770 nm; Em = 794 nm)

Fluor/Protein Ratio: 3.1 Moles DyLight® 800 per Mole Antibody

Purification: Antibody was affinity purified using solid phase Llama IgG

Purity: Affinity purified antibody is ≥ 95 % based on SDS-PAGE

Host: Goat

Immunogen: Purified Llama 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 Llama IgG
- light chains on all Llama immunoglobulins

Cross Reactivity: Based on IEP, no reactivity is observed to:

- non-immunoglobulin Llama serum proteins

Country of Origin: Goat antiserum was obtained from healthy animals of US origin and under the care of a registered veterinarian.

Note: This conjugate was prepared using Part # GtxLI-003-D, Lot # 41-19-060614.

Applications: The optimal working dilution should be determined by the investigator.
Suitable for use in: FLISA, FACS, IF, WB, IHC, ICC
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. 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: Goat anti-Llama IgG (H&L), DyLight® 800 Conjugate
PART NUMBER: GtxLI-003-D800NHSX
LOT NUMBER: 61-138-030620

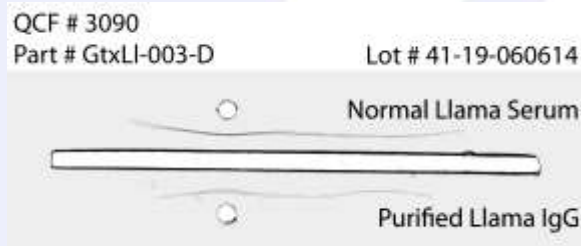
<u>TESTS</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance:	Greenish powder	PASS
Purity:	Two predominant band at 50 and 24 kDa based on SDS-PAGE	PASS
Specificity:	Based on IEP, this antibody has precipitin bands with: <ul style="list-style-type: none">heavy (γ) chains on Llama IgGlight chains on all Llama immunoglobulins	PASS PASS
Cross Reactivity:	Based on IEP, no precipitin bands are observed to: <ul style="list-style-type: none">non-immunoglobulin Llama serum proteins	PASS

SDS-PAGE



- 1) GtxLI-003-D Lot # 41-19-060614
- 2) Mol Weight Standard

Immunoelectrophoresis (IEP)



Date: March 19, 2020

Signature: _____


Quality Control

DyLight® is a trademark of Thermo Fisher Scientific, Inc. and its subsidiaries.