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

Certificate of Analysis

Product: Goat anti-Rabbit IgG (H&L), Biotin Conjugate

Part Number: GtxRb-003-FBIO Lot Number: 61-84-043018

Amount: 1.0 mg of antibody at 1.50 mg/ml (E $^{1\%}$ at 280 nm = 13.0) Purification: Antibody was purified using solid phase Rabbit IgG Purity: Affinity purified antibody is \geq 95 % based on SDS-PAGE

Host: Goat

Immunogen: Purified Rabbit 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

Storage: Store undiluted liquid at 2-8 °C. Prepare working dilution prior to use and then

discard

Shelf Life: 1 year from date of receipt

Specificity: Based on IEP, this antibody reacts with:

• heavy (γ) chains on Rabbit IgG

• light chains on all Rabbit immunoglobulins

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

non-immunoglobulin Rabbit serum proteins

• serum proteins from Bovine, Goat, Human, Mouse, or Rat

• IgG from Bovine, Goat, Human, Mouse or Rat

Country of Origin: Goat serum was obtained from healthy animals of US origin and under the care of a

registered veterinarian.

Note: This conjugate was prepared using Part # GtxRb-003-F, Lot # 29-144-042513.

Applications: This conjugate is suitable for all immunoassay applications. The optimal working dilution should be determined by the investigator. Suggested starting dilution(s):

• 1:20,000 – 1:500,000 for ELISA/Western blot

• 1:500 – 1:5,000 for Immunohistochemistry

Disclaimer: For in vitro Laboratory Use Only. Not for diagnostic or therapeutic use. Not for

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Testing Results

PRODUCT: Goat anti-Rabbit IgG (H&L), Biotin Conjugate

PART NUMBER: GtxRb-003-FBIO **LOT NUMBER:** 61-84-043018

TESTS SPECIFICATIONS RESULTS Clear, colorless liquid **PASS** Appearance: 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 Rabbit IgG **PASS** light chains on all Rabbit immunoglobulins **PASS** Cross Reactivity: Based on IEP, no precipitin bands are observed to: non-immunoglobulin Rabbit serum proteins **PASS**

non-immunoglobulin Rabbit serum proteins
 serum proteins from Bovine, Goat, Human, Mouse, or Rat
 IgG from Bovine, Goat, Human, Mouse or Rat

PASS
PASS
PASS

ELISA: Dilution giving A^{405} reading of ≥ 1.0 when tested 1: 1,200,000

against Rabbit IgG (H&L) coated at 2 µg/ml

SDS-PAGE

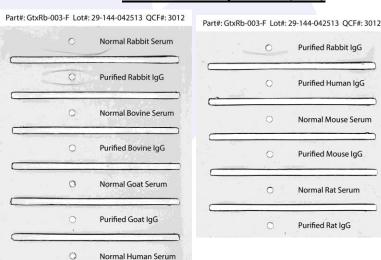
1 2

55kDa

31kDa

21kDa

Immunoelectrophoresis (IEP)



- 1) GtxRb-003-F, Lot # 29-144-042513
- 2) Mol Weight Standard

Date: May 7, 2018 Signature: Quality Control

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