

Certificate of Analysis

Product: Goat anti-Rabbit IgG (H&L), F(ab)'2 Fragment, ALP Conjugate

Part Number: GtxRb-003-GALP

Lot Number: 62-184-011119

Amount: 0.5 mg @ 1.50 mg/ml ($E^{1\%}$ at 280 nm = 13.0)

Label: Alkaline Phosphatase (ALP)

Form: Clear, colorless liquid

Purification: Affinity purified using solid phase Rabbit IgG
F(ab)'2 fragment was prepared by pepsin digestion.

Purity: F(ab)'2 fragment is $\geq 90\%$ based on SDS-PAGE.
Small amounts of intact IgG may be present.

Host: Goat

Immunogen: Purified Rabbit IgG, whole molecule

Buffer: 30 mM Triethanolamine, pH 7.2, 5 mM Magnesium Chloride, 0.1 mM Zinc Chloride, 1 % (w/v) BSA, Protease/IgG free

Preservative: 0.05 % (w/v) Sodium Azide

Storage: Store undiluted liquid at 2-8 °C. For storage at -20 °C, dilute with an equal volume of glycerol to prevent loss of enzymatic activity. 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

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 # GtxRb-003-G, Lot # 48-15-102215

Applications: The optimal working dilution should be determined by the investigator.
Suitable for use in: ELISA, WB, IHC
Suggested starting dilutions:

- 1:500-1:2,000 for Immunohistochemistry
- 1:500-1:8,000 for ELISA/Western blot

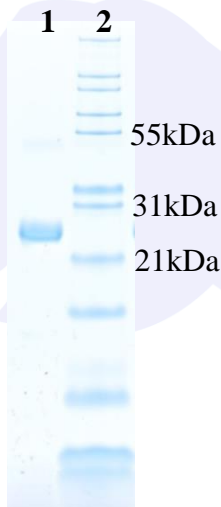
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Testing Results

PRODUCT: Goat anti-Rabbit IgG (H&L), F(ab)'2 Fragment, ALP Conjugate
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<u>TESTS</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance:	Clear, colorless liquid	PASS
Purity:	One predominant band at 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 Rabbit IgGlight chains on all Rabbit immunoglobulins	PASS PASS
Cross Reactivity:	Based on IEP, this antibody does not have precipitin bands to: <ul style="list-style-type: none">non-immunoglobulin Rabbit serum proteins	PASS
ELISA:	Dilution giving A^{405} reading of ≥ 1.0 when tested against Rabbit IgG coated at 2 $\mu\text{g/ml}$	1:14,800

SDS-PAGE

- 1) GtxRb-003-G, Lot # 48-15-102215
- 2) Mol Weight Standard

Date: January 16, 2019

Signature: _____



Quality Control

Immunoelectrophoresis (IEP)

Part # GtxRb-003-G

Lot # 48-15-102215

