
Certificate of Analysis

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

Part Number: GtxRb-003-GFITC

Lot Number: 80-29-113020

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

Form: Clear, fluorescent yellow liquid

Fluorophore: Fluorescein-5-isothiocyanate (A_{max} = 494 nm; E_{max} = 518 nm)

Fluor/Protein Ratio: 9.0 Moles FITC per Mole Antibody

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

Purity: $\geq 90\%$ based on SDS-PAGE. Small amounts of intact IgG may be present.

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

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-G, Lot # 65-178-071219.

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 Immunohistochemistry
- 1:50 – 1:5,000 for Immunocytochemistry

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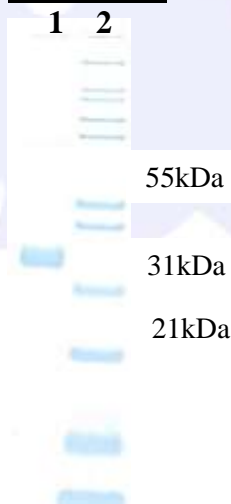
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Testing Results

PRODUCT: Goat anti-Rabbit IgG (H&L), F(ab)'2 Fragment, FITC Conjugate
PART NUMBER: GtxRb-003-GFITC
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<u>TEST</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance:	Clear, fluorescent yellow 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, no precipitin bands are observed to: <ul style="list-style-type: none">non-immunoglobulin Rabbit serum proteins	PASS
FLISA:	Mean fluorescent value of 8 μ g/ml of FITC conjugate when tested against normal Rabbit IgG coated at 4 μ g/ml	4448 MFI's

SDS-PAGE

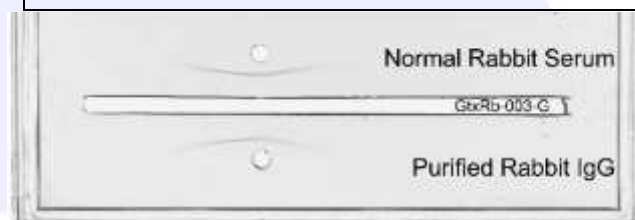


- 1) GtxRb-003-G, Lot # 65-178-071219
2) Mol Weight Standard

Date: December 3, 2020

Immunoelectrophoresis (IEP)

IEP For Goat anti- Rabbit IgG (H+L) F(ab)'2 Fragment
Part # GtxRb-003-G Lot # 65-178-071219



Signature: _____
Quality Control