
Certificate of Analysis

Product: Goat anti-Rabbit IgG Fc, HRP Conjugate

Part Number: GtxRb-004-EHRPX

Lot Number: 90-124-083021

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

Label: Horseradish Peroxidase (HRP)

Form: Lyophilized

Purification: Affinity purified using solid phase Rabbit IgG

Purity: Affinity purified antibody is $\geq 95\%$ based on SDS-PAGE

Host: Goat

Immunogen: Purified Rabbit IgG Fc

Buffer: 10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2,
1 % (w/v) BSA, Protease/IgG free

Preservative: 0.1 % (v/v) ProClin 150 – *Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase*

Reconstitution: Rehydrate with 1.1 ml of deionized water. Allow reconstituted product to stand at room temperature for at least 30 minutes prior to dilution. If necessary, centrifuge to remove any particulates. Prepare fresh working dilution daily.

Storage: Store lyophilized material at 2-8 °C. For storage at -20 °C after reconstitution, 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

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

- non-immunoglobulin Rabbit serum proteins
- light chains on all Rabbit immunoglobulins
- Rabbit IgG F(ab)² fragment
- serum proteins from Bovine, Horse, or Human

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-004-E, Lot # 27-102-032213.

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

- 1:500-1:5,000 for Immunohistochemistry
- 1:500-1:5,000 for ELISA/Western blot

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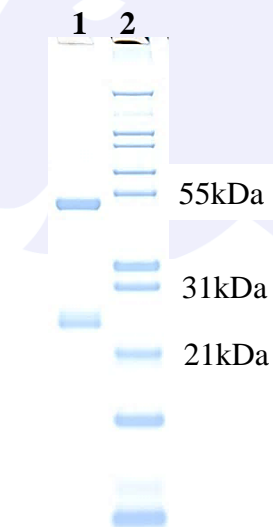
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Testing Results

PRODUCT: Goat anti-Rabbit IgG Fc, HRP Conjugate
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<u>TESTS</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance:	Reddish 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 Rabbit IgG	PASS
Cross Reactivity:	Based on IEP, this antibody does not have precipitin bands to: <ul style="list-style-type: none">non-immunoglobulin Rabbit serum proteinslight chains on all Rabbit immunoglobulinsRabbit IgG F(ab)'2 fragmentserum proteins from Bovine, Horse, or Human	PASS PASS PASS PASS
ELISA:	Dilution giving A^{450} reading of ≥ 1.0 when tested against Rabbit IgG (H&L) coated at 2 $\mu\text{g/ml}$	1: 185,000

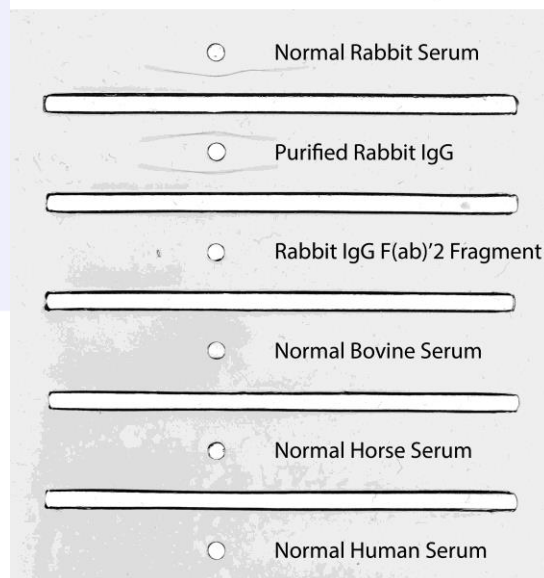
SDS-PAGE



- 1) GtxRb-004-E, Lot # 27-102-032213
2) Mol Weight Standard

Immunoelectrophoresis (IEP)

Part#: GtxRb-004-E Lot#: 27-102-032213 QCF#: 3100



Date: September 17, 2021

Signature:  Quality Control