

Certificate of Analysis

Product: Goat anti-Human IgG Fc, Biotin Conjugate

Part Number: GtxHu-004-DBIO
Lot Number: 62-129-090718
Amount: 2.0 mg of antibody at 1.50 mg/ml ($E^{1\%}$ at 280 nm = 13.0)
Purification: Antibody was purified using solid phase Human IgG
Purity: Affinity purified antibody is $\geq 95\%$ based on SDS-PAGE
Host: Goat
Immunogen: Purified Human IgG Fc
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 Human IgG

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

- light chains on Human immunoglobulins
- non-immunoglobulin Human 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 # GtxHu-004-D, Lot # 66-8-161418.

Applications: This conjugate is suitable for use in: ELISA, WB, IHC, FACS. 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

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Testing Results

PRODUCT: Goat anti-Human IgG Fc, Biotin Conjugate
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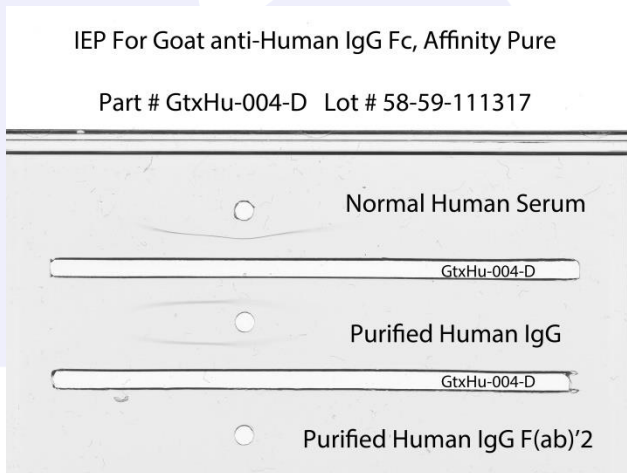
<u>TESTS</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance:	Clear, colorless liquid	PASS
Purity:	Two predominant bands at 50 and 24 kDa based on SDS-PAGE	PASS
Specificity:	Based on IEP, this antibody has precipitin bands with: <ul style="list-style-type: none"> • heavy (γ) chains on Human IgG 	PASS
Cross Reactivity:	Based on IEP, this antibody does not have precipitin bands to: <ul style="list-style-type: none"> • light chains on all Human immunoglobulins • non-immunoglobulin Human serum proteins 	PASS PASS
ELISA:	Dilution giving A^{405} reading of ≥ 1.0 when tested against Human IgG coated at 2 $\mu\text{g/ml}$	1:1,340,000

SDS-PAGE



- 1) GtxHu-004-D, Lot # 66-8-061418
- 2) Mol Weight Standard

Immunoelectrophoresis (IEP)



Date: September 18, 2018

Signature: Nigel Wall
Quality Control