

Certificate of Analysis

Product: Goat anti-Human IgG Fc, FITC Conjugate

Part Number: GtxHu-004-DFITC

Lot Number: 69-58-080219

Amount: 2.0 mg of antibody at 1.50 mg/ml ($E^{1\%}$ at 280 nm = 13.0)

Form: Clear, fluorescent yellow liquid

Fluorophore: Fluorescein-5-isothiocyanate (FITC), Ex = 494 nm; Em = 518 nm

Fluor/Protein Ratio: 7.5 Moles FITC per Mole Antibody

Form: Clear, fluorescent yellow liquid

Purification: Antibody was affinity 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 all Human immunoglobulins
- non-immunoglobulin Human 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 # GtxHu-004-D, Lot # 66-8-061418.

Applications: This conjugate is suitable for use in: FLISA, IF, IM, IHC, FACS. 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

Disclaimer: *For in vitro Laboratory Use Only.* Not for diagnostic or therapeutic use. Not for human or animal consumption. The proper selection and use of our products is the sole responsibility of the end user, and therefore we can offer no guarantee to a specific experimental outcome. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license under any patent of ImmunoReagents, Inc.

Product may not be resold or modified for resale without prior written approval of ImmunoReagents, Inc.

Testing Results

PRODUCT: Goat anti-Human IgG Fc, FITC Conjugate**PART NUMBER:** GtxHu-004-DFITC**LOT NUMBER:** 69-58-080219

<u>TESTS</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance	Clear, fluorescent yellow liquid	PASS
Purity	Two predominant bands at 50 and 24 kDa based on SDS-PAGE	PASS
Specificity	Based on IEP, this antibody has a precipitin band against: <ul style="list-style-type: none">heavy (γ) chains on Human IgG	PASS
Cross Reactivity	Based on IEP, no reactivity is observed to: <ul style="list-style-type: none">light chains on all Human immunoglobulinsnon-immunoglobulin Human serum proteins	PASS PASS
FLISA:	Mean fluorescent value of 8 μ g/ml of FITC conjugate when tested against normal Human IgG coated at 4 μ g/ml	1977 MFI's
F.I.T.:	Mean fluorescent intensity of a 1:1000 dilution at Ex-494 nm (+/-9)/Em-518 nm (+/-9)	10377 MFI's

SDS-PAGE

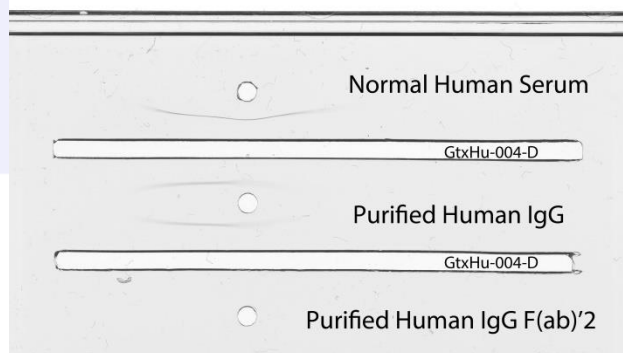


- 1) GtxHu-004-D, Lot # 66-8-061418
- 2) Mol Weight Standard


Immunoelectrophoresis (IEP)

IEP For Goat anti-Human IgG Fc, Affinity Pure

Part # GtxHu-004-D Lot # 58-59-111317



Date: August 12, 2019

Signature: 

Quality Control

