

## Certificate of Analysis

Product: Goat anti-Rabbit IgG Fc, FITC Conjugate

Part Number: GtxRb-004-DFITC  
Lot Number: 79-148-083021  
Amount: 2.0 mg of antibody at 1.50 mg/ml ( $E^{1\%}$  at 280 nm = 13.0)  
Fluorophore: Fluorescein-5-isothiocyanate ( $A_{max}$  = 494 nm;  $E_{max}$  = 518 nm)  
Fluor/Protein Ratio: 8.8 Moles FITC per Mole Antibody  
Form: Clear, fluorescent yellow liquid  
Purification: Antibody was 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: 0.05 % (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 ( $\gamma$ ) 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

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-004-D, Lot # 80-61-021721.

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

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.

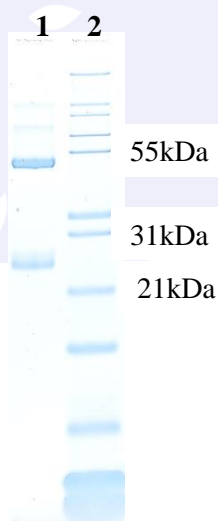
**Product may not be resold or modified for resale without prior written approval of ImmunoReagents, Inc.**

## Testing Results

**PRODUCT:** Goat anti-Rabbit IgG Fc, FITC Conjugate  
**PART NUMBER:** GtxRb-004-DFITC  
**LOT NUMBER:** 79-148-083021

<u>TEST</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 precipitin bands with: <ul style="list-style-type: none"><li>heavy (<math>\gamma</math>) chains on Rabbit IgG</li></ul>	PASS
Cross Reactivity:	Based on IEP, no precipitin bands are observed to: <ul style="list-style-type: none"><li>non-immunoglobulin Rabbit serum proteins</li><li>light chains on all Rabbit immunoglobulins</li><li>Rabbit IgG F(ab)'2 fragment</li></ul>	PASS PASS PASS
FLISA:	Mean fluorescent value of 8 $\mu$ g/ml of FITC conjugate when tested against normal Rabbit IgG coated at 4 $\mu$ g/ml	2149 MFI's

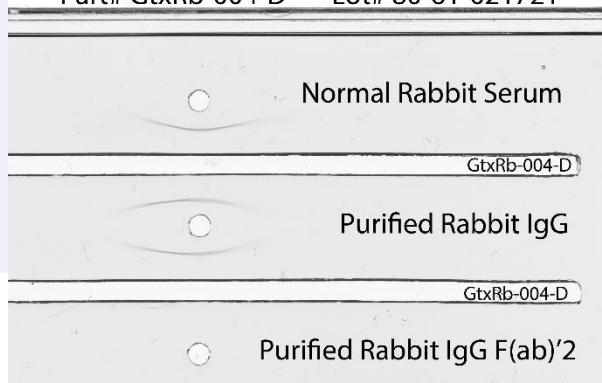
### SDS-PAGE



- 1) GtxRb-004-D, Lot # 80-61-021721
- 2) Mol Weight Standard

### Immunoelectrophoresis (IEP)

IEP for Goat anti-Rabbit IgG Fc, Affinity Pure  
Part# GtxRb-004-D Lot# 80-61-021721



Date: September 2, 2021

Signature: \_\_\_\_\_

Quality Control