

## Certificate of Analysis

|                    |  |
|--------------------|--|
| Product:           | Goat anti-Rabbit IgG (H&L), Biotin Conjugate   |
| Part Number:       | GtxRb-003-FBIO   |
| Lot Number:        | 81-82-051721   |
| Amount:            | 1.0 mg of antibody at 1.50 mg/ml ( $E^{1\%}$ at 280 nm = 13.0)   |
| Purification:      | Antibody was purified using solid phase Rabbit IgG   |
| Purity:            | Affinity purified antibody is $\geq 95\%$ based on SDS-PAGE  |
| Host:              | Goat   |
| Immunogen:         | Purified Rabbit IgG, whole molecule  |
| Buffer:            | 10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2,<br>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: <ul style="list-style-type: none"><li>• heavy (<math>\gamma</math>) chains on Rabbit IgG</li><li>• light chains on all Rabbit immunoglobulins</li></ul>   |
| Cross Reactivity:  | Based on IEP, no reactivity is observed to: <ul style="list-style-type: none"><li>• non-immunoglobulin Rabbit serum proteins</li><li>• serum proteins from Bovine, Goat, Human, Mouse, or Rat</li><li>• IgG from Bovine, Goat, Human, Mouse or Rat</li></ul>   |
| 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-F, Lot # 61-109-082718  |
| Applications:      | This conjugate is suitable for all immunoassay applications. The optimal working dilution should be determined by the investigator. Suggested starting dilution(s): <ul style="list-style-type: none"><li>• 1:20,000 – 1:500,000 for ELISA/Western blot</li><li>• 1:500 – 1:5,000 for Immunohistochemistry</li></ul>   |
| Disclaimer:        | <i>For in vitro Laboratory Use Only.</i> 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 (H&L), Biotin Conjugate  
**PART NUMBER:** GtxRb-003-FBIO  
**LOT NUMBER:** 81-82-051721

| <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"> <li>• heavy (<math>\gamma</math>) chains on Rabbit IgG</li> <li>• light chains on all Rabbit immunoglobulins</li> </ul>   | PASS<br>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>• serum proteins from Bovine, Goat, Human, Mouse, or Rat</li> <li>• IgG from Bovine, Goat, Human, Mouse or Rat</li> </ul> | PASS<br>PASS<br>PASS |
| ELISA:            | Dilution giving $A^{405}$ reading of $\geq 1.0$ when tested against Rabbit IgG (H&L) coated at 2 $\mu\text{g/ml}$   | 1: 820,000           |

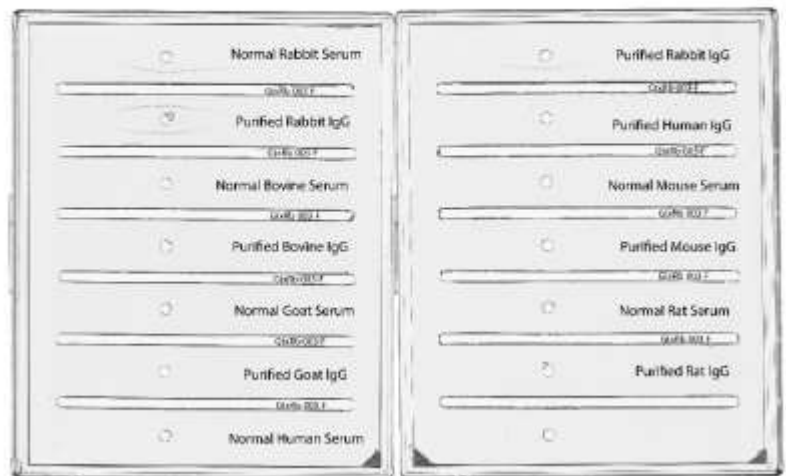
### SDS-PAGE



- 1) GtxRb-003-F, Lot # 61-109-082718
- 2) Mol Weight Standard

### Immuno-electrophoresis (IEP)

IEP For Goat anti-Rabbit IgG (H+L), Affinity Pure  
 Part # GtxRb-003-F Lot # 61-109-082718



Date: May 24, 2021

Signature: \_\_\_\_\_  
Quality Control