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## Certificate of Analysis

Product: Goat anti-Rabbit IgG (H&L), F(ab)'2 Fragment, HRP Conjugate  
Part Number: GtxRb-003-JHRPX  
Lot Number: 68-21-120618  
Amount: 0.5 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  $\geq 90\%$  based on SDS-PAGE. Small amounts of intact IgG may be present.  
Host: Goat  
Immunogen: Purified Rabbit IgG, whole molecule  
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) Kathon CG – *Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase*  
Reconstitution: Rehydrate with 0.55 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 ( $\gamma$ ) chains on Rabbit IgG
- light chains on all Rabbit immunoglobulins

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

- non-immunoglobulin Rabbit serum proteins
- serum proteins from Bovine, Human, or Mouse
- IgG from Human or Mouse

  
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-003-J, Lot # 62-160-112018.  
Applications: This conjugate is suitable for use in: ELISA, WB, IHC, CL. The optimal working dilution should be determined by the investigator. Suggested starting dilution(s):

- 1:500-1:5,000 for Immunohistochemistry
- 1:200-1:5,000 for ELISA/Western blot

  
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

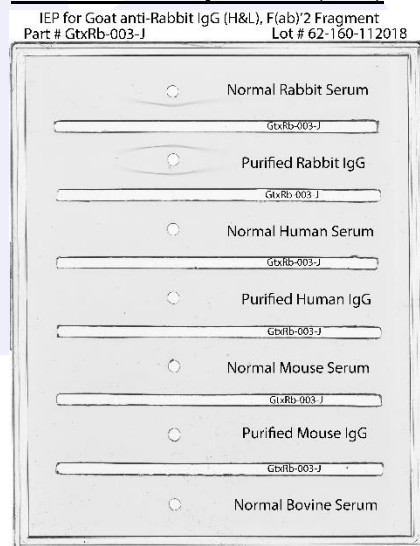
**PRODUCT:** Goat anti-Rabbit IgG (H&L), F(ab)'2 Fragment, HRP Conjugate  
**PART NUMBER:** GtxRb-003-JHRPX  
**LOT NUMBER:** 68-21-120618

<u>TESTS</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance:	Reddish powder	PASS
Purity:	One predominant band at 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 PASS
Cross Reactivity:	Based on IEP, this antibody does not have precipitin bands to: <ul style="list-style-type: none"><li>non-immunoglobulin Rabbit serum proteins</li><li>serum proteins from Bovine, Human, or Mouse</li><li>IgG from Human or Mouse</li></ul>	PASS PASS PASS
ELISA:	Dilution giving $A^{450}$ reading of $\geq 1.0$ when tested against Rabbit IgG (H&L) coated at 2 $\mu\text{g/ml}$	1: 158,000

### SDS-PAGE



### Immunoelectrophoresis (IEP)



Date: December 20, 2018

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

  
Quality Control