

## Certificate of Analysis

Product: Goat anti-Rat IgG (H&L), F(ab)'2 Fragment

Part Number: GtxRt-003-J2  
Lot Number: 41-4-040814  
Concentration: 11.9 mg/ml (E<sup>1%</sup> at 280 nm = 14.0)  
Amount: 1.0 mg  
Form: Clear, colorless liquid, 0.2 µm filtered  
Purification: Affinity purified using solid phase Rat IgG.  
F(ab)'2 fragment was prepared by pepsin digestion.  
Purity: Affinity purified antibody is ≥ 90 % based on SDS-PAGE.  
Small amounts of intact IgG may be present.  
Host: Goat  
Immunogen: Purified Rat IgG, whole molecule  
Buffer: 10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2  
Preservative: 0.05 % (w/v) Sodium Azide  
Storage: 2 - 8 °C  
Expiration Date: November 13, 2022

Specificity: Based on IEP, this antibody reacts with:

- heavy (γ) chains on Rat IgG
- light chains on all Rat immunoglobulins

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

- non-immunoglobulin Rat serum proteins
- IgG from Human or Mouse

Country of Origin: Goat serum was obtained from healthy animals of US origin and under the care of a registered veterinarian.

Applications: Suitable for use in: ELISA, WB, IHC, ICC, CL, FACS, IM, IF  
The optimal working dilution should be determined by the investigator.

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.

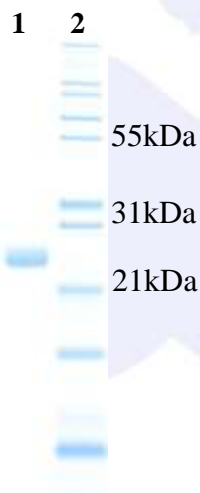
**Product may not be resold or modified for resale without prior written approval of ImmunoReagents, Inc.**

## Testing Results

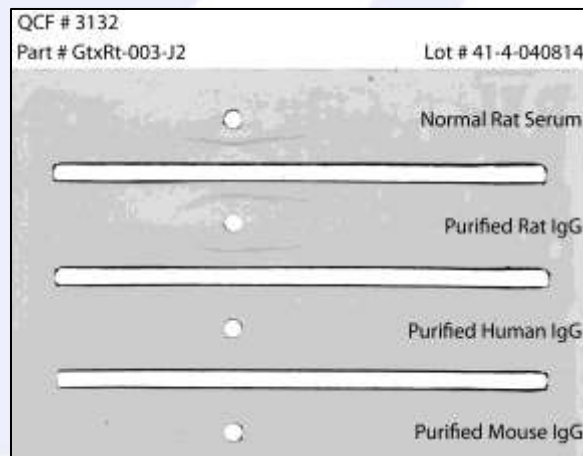
**PRODUCT:** Goat anti-Rat IgG (H&L), F(ab)<sup>2</sup> Fragment  
**PART NUMBER:** GtxRt-003-J2  
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<u>TESTS</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance:	Clear, colorless liquid	PASS
Purity:	One predominant band at 24 kDa based on SDS-PAGE	PASS
Specificity:	Based on IEP, this antibody has precipitin bands with: <ul style="list-style-type: none"><li>heavy (<math>\gamma</math>) chains on Rat IgG</li><li>light chains on all Rat immunoglobulins</li></ul>	PASS PASS
Cross Reactivity:	Based on IEP, no precipitin bands are observed to: <ul style="list-style-type: none"><li>non-immunoglobulin Rat serum proteins</li><li>IgG from Human or Mouse</li></ul>	PASS PASS

### SDS-PAGE



### Immunoelectrophoresis (IEP)



- 1) GtxRt-003-J2, Lot # 41-4-040814
- 2) Mol Weight Standard

Date: November 16, 2020

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

  
Quality Control