

## Certificate of Analysis

Product: Goat anti-Rat IgG (H&L), F(ab)'2 Fragment, Biotin Conjugate  
Part Number: GtxRt-003-JBIO  
Lot Number: 10-86-052909  
Amount: 0.5 mg of antibody at 6.53 mg/ml ( $E^{1\%}$  at 280 nm = 13.0)  
Purification: Affinity purified using solid phase mouse IgG  
Purity:  $\geq 90\%$  based on SDS-PAGE.  
May contain small amounts of intact IgG  
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: 2-8 ° C  
Shelf Life: February 2, 2023

Specificity: This antibody reacts with the heavy chains on rat IgG and with the light chains on all rat immunoglobulins based on IEP.

Cross Reactivity: No reactivity is observed to non-immunoglobulin rat serum proteins or IgG from human or mouse based on IEP.

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

Applications: This conjugate is suitable for use in: ELISA, WB, IHC, FACS. The optimal working dilution should be determined by the investigator. Suggested starting dilution(s):

- 1:20,000 – 1:500,000 for ELISA/Western blot
- 1:500 – 1:5,000 for Immunohistochemistry

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)'2 Fragment, Biotin Conjugate  
**PART NUMBER:** GtxRt-003-JBIO  
**LOT NUMBER:** 10-86-052909

<u>TESTS</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
--------------	-----------------------	----------------

Appearance:	Clear, colorless liquid	PASS
-------------	-------------------------	------

ELISA:	Dilution giving A <sup>405</sup> reading of $\geq 1.0$ when tested against Rat IgG coated at 2 $\mu\text{g/ml}$	1: >2,040,000
--------	---	---------------

Date: February 2, 2021

Signature: 

Quality Control