

## Certificate of Analysis

Product: Goat anti-Human IgG Fc, Affinity Pure

Part Number: GtxHu-004-F2  
Lot Number: 69-54-072619  
Concentration: 10.0 mg/ml (E<sup>1%</sup> at 280 nm = 13.0)  
Amount: 1.0 mg  
Form: Clear, colorless liquid, 0.2 µm filtered  
Purification: Affinity purified using solid phase Human IgG  
Purity: ≥ 95 % based on SDS-PAGE  
Host: Goat  
Immunogen: Purified Human IgG Fc  
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: 07-26-22

Specificity: Based on IEP, this antibody reacts with:

- heavy (γ) chains on Human IgG

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

- light chains on all Human immunoglobulins
- non-immunoglobulin Human serum proteins
- Human IgA or IgM
- serum proteins from Bovine, Horse, Mouse, or Rabbit

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

Applications: The optimal working dilution should be determined by the investigator.  
Suitable for use in: ELISA, IP, IDA, WB, IHC, Absorption

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.

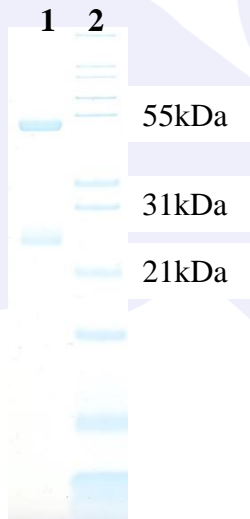
**Product may not be resold or modified for resale without prior written approval of ImmunoReagents, Inc.**

## Testing Results

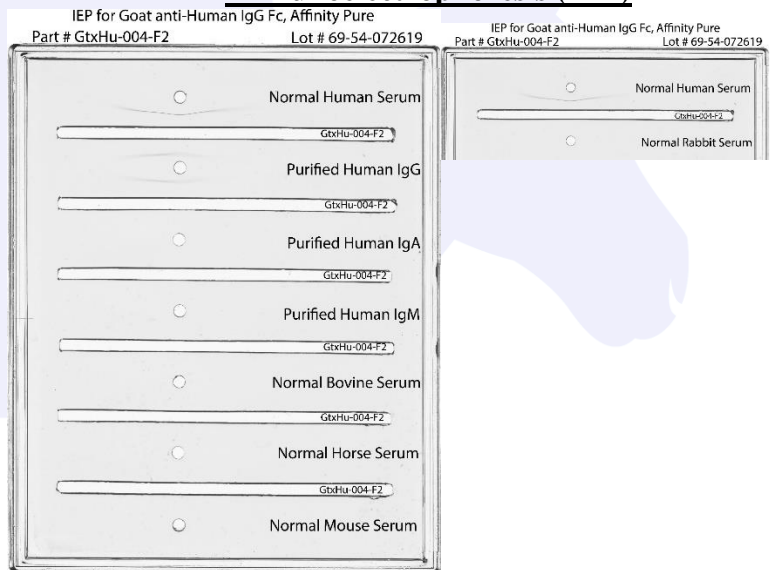
**PRODUCT:** Goat anti-Human IgG Fc, Affinity Pure  
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| <u>TESTS</u>      | <u>SPECIFICATIONS</u>  | <u>RESULTS</u>               |
|-------------------|--|------------------------------|
| Appearance:       | Clear, colorless liquid  | PASS                         |
| 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 Human IgG</li> </ul>   | PASS                         |
| Cross Reactivity: | Based on IEP, this antibody does not have precipitin bands to: <ul style="list-style-type: none"> <li>• light chains on all Human immunoglobulins</li> <li>• non-immunoglobulin Human serum proteins</li> <li>• Human IgA or IgM</li> <li>• serum proteins from Bovine, Horse, Mouse, or Rabbit</li> </ul> | PASS<br>PASS<br>PASS<br>PASS |

### SDS-PAGE



### Immuno-electrophoresis (IEP)



- 1) GtxHu-004-F2, Lot # 69-54-072619
- 2) Mol Weight Standard

Date: August 1, 2019

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