

## Certificate of Analysis

Product: Goat anti-Human IgG Fc, F(ab)'2 Fragment, Affinity Pure

Part Number: GtxHu-004-J

Lot Number: 36-157-060616

Concentration: 11.4 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.

F(ab)'2 fragment prepared by pepsin digestion.

Purity: ≥ 90 % based on SDS-PAGE.

Small amounts of intact IgG may be present.

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: November 24, 2022

Specificity: Based on IEP, this antibody reacts with:

- heavy (γ) chains on Human IgG

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

- non-immunoglobulin Human serum proteins
- light chains on all Human immunoglobulins
- Human IgG F(ab)'2 Fragment
- 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: 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.

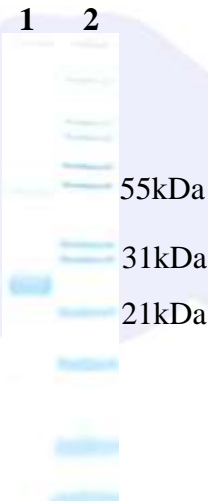
**Product may not be resold or modified for resale without prior written approval of ImmunoReagents, Inc.**

## Testing Results

**Product:** Goat anti-Human IgG Fc, F(ab)'2 Fragment, Affinity Pure  
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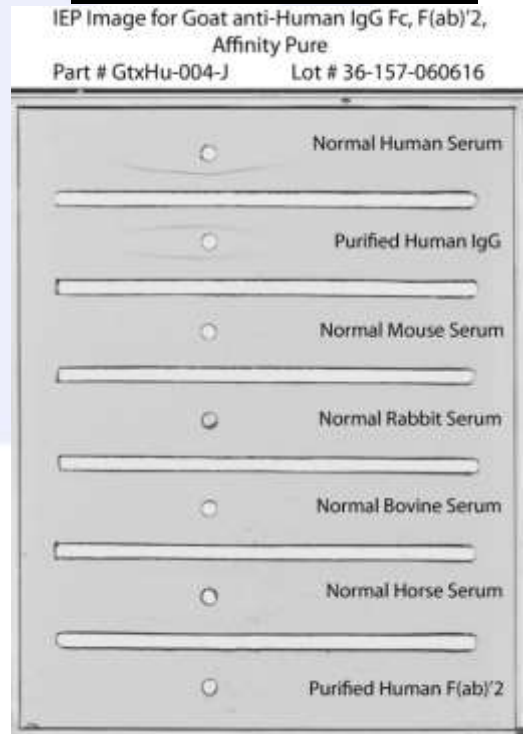
<u>TESTS</u>	<u>SPECIFICATIONS</u>	<u>Results</u>
Appearance:	Clear, colorless liquid	PASS
Purity:	One predominant band at 24 kDa based on SDS-PAGE	PASS
Specificity:	Based on IEP, this antibody has precipitin bands with: <ul style="list-style-type: none"> <li>• heavy (<math>\gamma</math>) chains on Human IgG</li> </ul>	PASS
Cross Reactivity:	Based on IEP, this antibody does not have precipitin bands to: <ul style="list-style-type: none"> <li>• non-immunoglobulin Human serum proteins</li> <li>• light chains on all Human immunoglobulins</li> <li>• Human IgG F(ab)'2 Fragment</li> <li>• serum proteins from Bovine, Horse, Mouse, or Rabbit</li> </ul>	PASS

### SDS-PAGE



- 1) Part # GtxHu-004-J, Lot # 36-157-060616
- 2) Mol Weight Standard

### Immunoelectrophoresis (IEP)



Date: November 25, 2020

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

Quality Control