

---

---

## Certificate of Analysis

Product:	Goat anti-Human IgA ( $\alpha$ chain), F(ab)' <sub>2</sub> Fragment
Part Number:	GtxHu-001-G
Lot Number:	27-166-121613
Concentration:	11.1 mg/ml ( $E^{1\%}$ at 280 nm = 13.0)
Amount:	1.0 mg
Form:	Clear, colorless liquid, 0.2 $\mu$ m filtered
Purification:	Affinity purified using solid phase Human IgA. F(ab)' <sub>2</sub> fragment was prepared by pepsin digestion.
Purity:	$\geq 90$ % based on SDS-PAGE. Small amounts of intact IgG may be present.
Host:	Goat
Immunogen:	Purified Human IgA, $\alpha$ chain
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:	August 8, 2021
Specificity:	Based on IEP, this antibody reacts with: <ul style="list-style-type: none"><li>• heavy (<math>\alpha</math>) chains on Human IgA</li></ul>
Cross Reactivity:	Based on IEP, no reactivity is observed 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</li></ul>
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, WB, IHC, ICC, CL, FACS, IM, IF
Disclaimer:	<i>For in vitro Laboratory Use Only.</i> 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

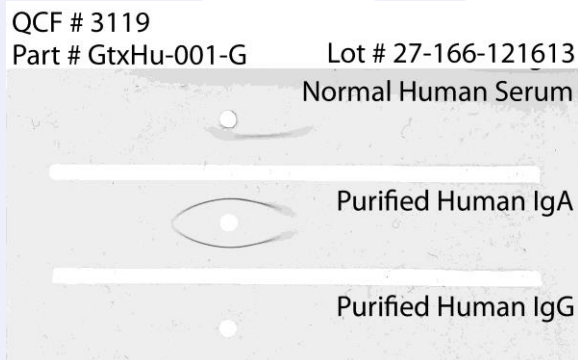
**PRODUCT:** Goat anti-Human IgA ( $\alpha$  chain), F(ab)'<sub>2</sub> Fragment  
**PART NUMBER:** GtxHu-001-G  
**LOT NUMBER:** 27-166-121613

<u>TEST</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>\alpha</math>) chains on Human IgA</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 IgG</li></ul>	PASS PASS PASS

### SDS-PAGE



### Immunoelectrophoresis (IEP)



- 1) GtxHu-001-G, Lot # 27-166-121613
- 2) Mol Weight Standard

Date: August 9, 2019

Signature:  Quality Control

