

---

---

## Certificate of Analysis

Product:	Goat anti-Human IgA ( $\alpha$ chain), DyLight <sup>®</sup> 800 Conjugate
Part Number:	GtxHu-001-D800NHSX
Lot Number:	70-32-061719
Amount:	1.0 mg of lyophilized antibody ( $E^{1\%}$ at 280 nm = 13.0) (Product has been overfilled to ensure maximum recovery)
Fluorophore:	DyLight <sup>®</sup> 800 (Ex = 777 nm; Em = 794 nm)
Fluor/Protein Ratio:	1.9 Moles DyLight <sup>®</sup> 800 per Mole Antibody
Purification:	Antibody was affinity purified using solid phase Human IgA
Purity:	Affinity purified antibody is $\geq 95\%$ based on SDS-PAGE
Host:	Goat
Immunogen:	Purified Human IgA, $\alpha$ chain
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
Reconstitution:	Rehydrate with 1.1 ml of deionized water. Allow reconstituted product to stand for at least 30 minutes at room temperature prior to dilution. If necessary, centrifuge to remove any particulates. Prepare fresh working dilution daily.
Storage:	Store freeze dried powder at 2 - 8 °C.
Shelf Life:	Product is stable for up to 4 weeks at 2 - 8 °C after rehydration. For extended storage after rehydration, add an equal volume of glycerol and store at -20 °C.
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></ul>
Country of Origin:	Goat serum was obtained from healthy animals of US origin and under the care of a registered veterinarian.
Note:	This conjugate was prepared using Part # GtxHu-001-D, Lot # 33-66-112613.
Applications:	This conjugate is suitable for use in: FLISA, WB, IF, IM, FACS. The optimal working dilution should be determined by the investigator. Suggested starting dilution(s): <ul style="list-style-type: none"><li>• 1:20 – 1:2,000 for most applications</li></ul>
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. <b>Product may not be resold or modified for resale without prior written approval of ImmunoReagents, Inc.</b>

## Testing Results

**PRODUCT:** Goat anti-Human IgA ( $\alpha$  chain), DyLight<sup>®</sup> 800 Conjugate  
**PART NUMBER:** GtxHu-001-D800NHSX  
**LOT NUMBER:** 70-32-061719

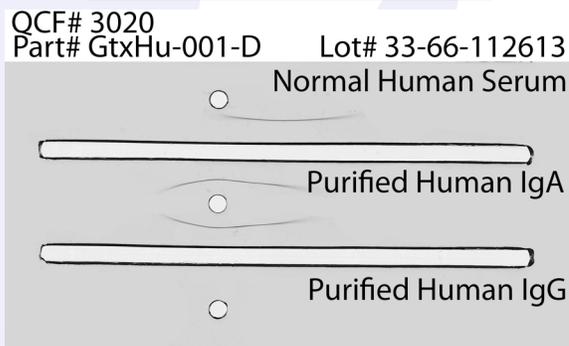
<u>TESTS</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance:	Greenish powder	PASS
Purity:	Two predominant bands at 50 and 24 kDa based on SDS-PAGE	PASS
Specificity:	Based on IEP, this antibody has precipitin bands against: <ul style="list-style-type: none"><li>heavy (<math>\alpha</math>) chains on Human IgA</li></ul>	PASS
Cross Reactivity:	Based on IEP, no bands are observed to: <ul style="list-style-type: none"><li>non-immunoglobulin Human serum proteins</li><li>light chains on all Human immunoglobulins</li></ul>	PASS PASS

### SDS-PAGE



- 1) GtxHu-001-D, Lot # 33-66-112613
- 2) Mol Weight Standard

### Immunoelectrophoresis (IEP)



Date: June 25, 2019

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



Quality Control