

Certificate of Analysis

Product:	Goat anti-Human IgA (α chain), Affinity Pure
Part Number:	GtxHu-001-D
Lot Number:	81-101-071221
Concentration:	10.0 mg/ml ($E^{1\%}$ at 280 nm = 13.0)
Amount:	2.0 mg
Form:	Clear, colorless liquid, 0.2 μ m filtered
Purification:	Affinity purified using solid phase Human IgA
Purity:	≥ 95 % based on SDS-PAGE
Host:	Goat
Immunogen:	Purified Human IgA, α chain
Buffer:	10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	0.05 % (w/v) Sodium Azide
Storage:	2-8 $^{\circ}$ C
Expiration Date:	07/12/2024
Specificity:	Based on IEP, this antibody reacts with: <ul style="list-style-type: none">• heavy (α) chains on Human IgA
Cross Reactivity:	Based on IEP, no reactivity is observed to: <ul style="list-style-type: none">• light chains on all Human immunoglobulins• non-immunoglobulin Human serum proteins
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:	<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.

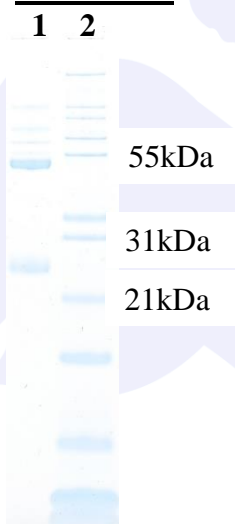
Product may not be resold or modified for resale without prior written approval of ImmunoReagents, Inc.

Testing Results

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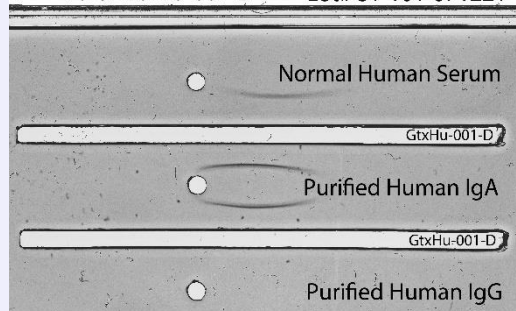
<u>TESTS</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance:	Clear, colorless liquid	PASS
Purity:	Two predominant bands at 50 and 24 kDa based on SDS-PAGE	PASS
Specificity:	Based on IEP, this antibody has precipitin bands with: <ul style="list-style-type: none">heavy (α) chains on Human IgA	PASS
Cross Reactivity:	Based on IEP, this antibody does not have precipitin bands to: <ul style="list-style-type: none">light chains on all Human immunoglobulinsnon-immunoglobulin Human serum proteins	PASS
		PASS

SDS-PAGE



Immunoelectrophoresis (IEP)

IEP for Goat anti-Human IgA (α -chain), Affinity Pure
Part# GtxHu-001-D Lot# 81-101-071221



- 1) GtxHu-001-D, Lot # 81-101-071221
- 2) Mol Weight Standard

Date: July 15, 2021

Signature: Lee Borden, Ph.D.
Quality Control