6003 Chapel Hill Road · Suite # 153 · Raleigh, NC 27607

Certificate of Analysis

Product: Goat anti-Human IgA (α chain), Affinity Pure

Part Number: GtxHu-001-E Lot Number: 31-163-092713

Concentration: 6.80 mg/ml (E $^{1\%}$ at 280 nm = 13.0)

Amount: 1.0 mg

Form: Clear, colorless liquid, 0.2 µm 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 °C

Expiration Date: August 8, 2021

Specificity: Based on IEP, this antibody reacts with:

• heavy (α) chains on Human IgA

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

light chains on all Human immunoglobulins

non-immunoglobulin Human serum proteins

• serum proteins from Bovine, 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.

Phone: 919-831-2240 · www.ImmunoReagents.com · Fax: 919-831-2240

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Testing Results

PRODUCT: Goat anti-Human IgA (α chain), 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:

heavy (α) chains on Human IgA
 PASS

Cross Reactivity: Based on IEP, this antibody does not have precipitin bands to:

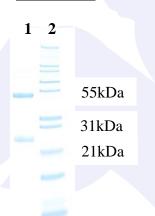
light chains on all Human immunoglobulins
 non-immunoglobulin Human serum proteins
 serum proteins from Bovine, Mouse or Rabbit

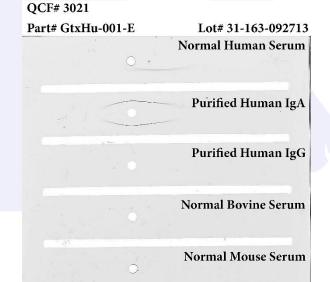
PASS
PASS

SDS-PAGE

Immunoelectrophoresis (IEP)

Normal Rabbit Serum





- 1) GtxHu-001-E, Lot # 31-163-092713
- 2) Mol Weight Standard

Date: August 9, 2019 Signature: ______Quality Control

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