
Certificate of Analysis

Product:	Goat anti-Human IgA (α chain), F(ab) ² fragment, HRP Conjugate
Part Number:	GtxHu-001-GHRPX
Lot Number:	86-89-042221
Amount:	0.5 mg of lyophilized antibody (E ^{1%} at 280 nm = 13.0) (Product has been overfilled to ensure maximum recovery)
Label:	Horseradish Peroxidase (HRP)
Form:	Lyophilized
Purification:	Affinity purified using solid phase Human IgA. F(ab) ² fragment was prepared by pepsin digestion.
Purity:	≥ 90 % based on SDS-PAGE. Small amounts of intact IgG may be present.
Host:	Goat
Immunogen:	Purified Human IgA, α chain
Buffer:	10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 1 % (w/v) BSA, Protease/IgG free
Preservative:	0.1 % (v/v) ProClin 150 – <i>Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase</i>
Reconstitution:	Rehydrate with 0.55 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 lyophilized material at 2-8 °C. For long term storage after reconstitution, dilute with 50 % glycerol and store at -20 °C as a liquid. Prepare working dilution prior to use and then discard.
Shelf Life:	1 year from date of receipt
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• Human IgG• non-immunoglobulin Human serum proteins
Country of Origin:	Goat antiserum 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-G, Lot # 27-166-121613.
Applications:	This conjugate is suitable for use in: ELISA, WB, IHC, CL. The optimal working dilution should be determined by the investigator. Suggested starting dilution(s): <ul style="list-style-type: none">• 1:500-1:5,000 for Immunohistochemistry• 1:200-1:5,000 for ELISA/Western blot
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.

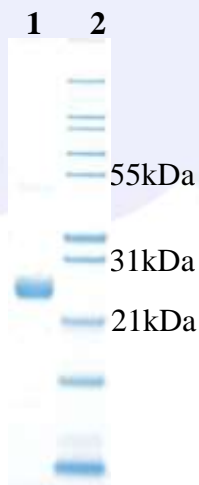
Product may not be resold or modified for resale without prior written approval of ImmunoReagents, Inc.

Testing Results

PRODUCT: Goat anti-Human IgA (α chain), F(ab)² Fragment, HRP Conjugate
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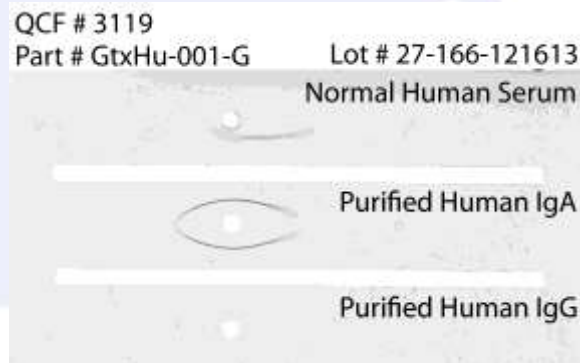
<u>TESTS</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance:	Reddish powder	PASS
Purity:	One predominant band at 24 kDa based on SDS-PAGE	PASS
Specificity	Based on IEP, his antibody has precipitin bands against: <ul style="list-style-type: none">heavy (α) chains on Human IgA	PASS
Cross Reactivity	Based on IEP, no precipitin bands are observed to: <ul style="list-style-type: none">light chains on all Human immunoglobulinsHuman IgGnon-immunoglobulin Human serum proteins	PASS PASS PASS
ELISA:	Dilution giving A ⁴⁵⁰ reading of ≥ 1.0 when tested against Human IgA coated at 2 μ g/ml	1: 189,000

SDS-PAGE



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

Immunoelectrophoresis (IEP)



Date: May 7, 2021

Signature: _____


Quality Control