
Certificate of Analysis

Product:	Goat anti-Human IgG Fc, ALP Conjugate
Part Number:	GtxHu-004-DALP
Lot Number:	81-97-062521
Amount:	1.0 mg of antibody at 1.50 mg/ml (E ^{1%} at 280 nm = 13.0)
Label:	Alkaline Phosphatase (ALP)
Form:	Clear, colorless liquid
Purification:	Affinity purified using solid phase Human IgG
Purity:	Affinity purified antibody is ≥ 95 % based on SDS-PAGE
Host:	Goat
Immunogen:	Purified Human IgG Fc
Buffer:	30 mM Triethanolamine, pH 7.2, 5 mM Magnesium Chloride, 0.1 mM Zinc Chloride, 1 % (w/v) BSA, Protease/IgG free
Preservative:	0.05 % (w/v) Sodium Azide
Storage:	Store undiluted liquid at 2-8 °C. For storage at -20 °C, dilute with an equal volume of glycerol to prevent loss of enzymatic activity. 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 (γ) chains on Human IgG
Cross Reactivity:	Based on IEP, no reactivity is observed to: <ul style="list-style-type: none">• light chains on Human immunoglobulins• non-immunoglobulin Human serum proteins• Human IgG F(ab)² fragment
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-004-D, Lot # 81-86-060821
Applications:	This conjugate is suitable for use in: ELISA, WB, IHC, ICC, CL. The optimal working dilution should be determined by the investigator. Suggested starting dilution(s): 1:500-1:2,000 for Immunohistochemistry <ul style="list-style-type: none">• 1:500-1:8,000 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.

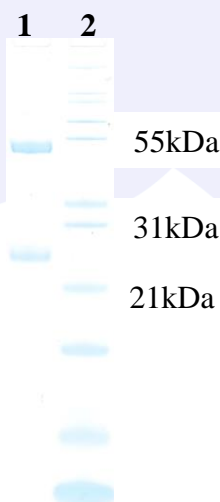
Product may not be resold or modified for resale without prior written approval of ImmunoReagents, Inc.

Testing Results

PRODUCT: Goat anti-Human IgG Fc, ALP Conjugate
PART NUMBER: GtxHu-004-DALP
LOT NUMBER: 81-97-062521

<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 (γ) chains on Human IgG 	PASS
Cross Reactivity:	Based on IEP, no precipitin bands are observed to:	
	• light chains on Human immunoglobulins	PASS
	• non-immunoglobulin Human serum proteins	PASS
	• Human IgG F(ab)'2 fragment	PASS
ELISA:	Dilution giving A^{405} reading of ≥ 1.0 when tested against Human IgG coated at 2 $\mu\text{g/ml}$	1:12,800

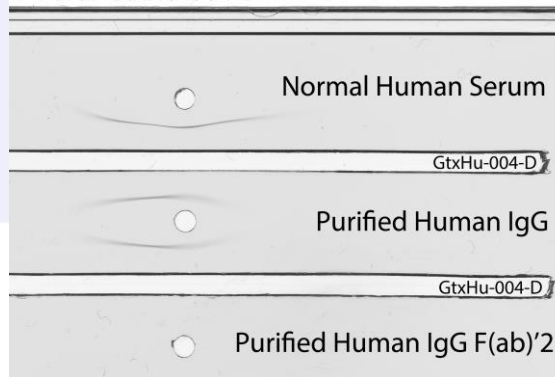
SDS-PAGE



GtxHu-004-D, Lot # 81-86-060821
 1) Mol Weight Standard

Immunoelectrophoresis (IEP)

IEP for Goat anti-Human IgG Fc, Affinity Pure
 Part# GtxHu-004-D Lot# 81-86-060821



Date: July 7, 2021

Signature: _____
 Quality Control