

Certificate of Analysis

Product:	Goat anti-Human IgG + IgA + IgM, F(ab)' ₂ Fragment
Part Number:	GtxHu-010-G
Lot Number:	86-25-092120
Concentration:	10.0 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 IgG + IgA + IgM. 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 IgG, IgA and IgM, whole molecule
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:	September 21, 2023
Specificity:	Based on IEP, this antibody reacts with: <ul style="list-style-type: none">• heavy chains on Human IgG, IgA, IgM• light chains on all Human immunoglobulins
Cross Reactivity:	Based on IEP, no reactivity is observed to: <ul style="list-style-type: none">• 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.

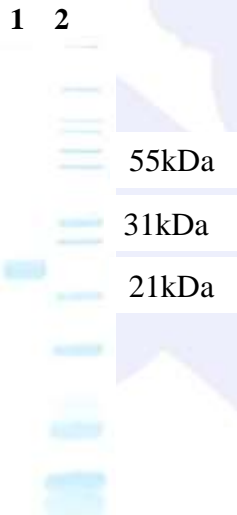
Product may not be resold or modified for resale without prior written approval of ImmunoReagents, Inc.

Testing Results

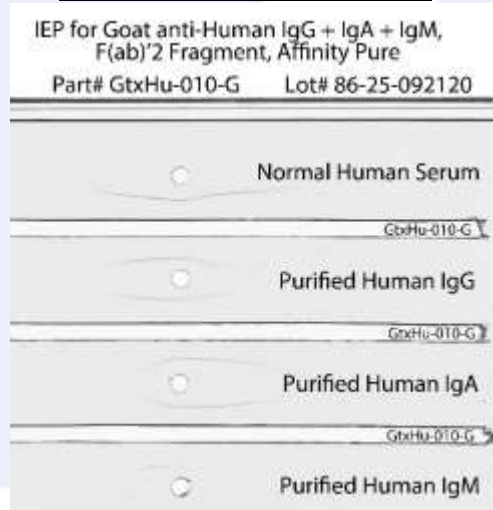
PRODUCT: Goat anti-Human IgG + IgA + IgM, F(ab)'2 Fragment
PART NUMBER: GtxHu-010-G
LOT NUMBER: 86-25-092120

<u>TESTS</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance:	Clear, colorless liquid	PASS
Purity:	One predominant band at 24 kDa based on SDS-PAGE	PASS
Specificity:	Based on IEP, this antibody has precipitin bands with: <ul style="list-style-type: none"> • heavy chains on human IgG • heavy chains on human IgA • heavy chains on human IgM • light chains on all human immunoglobulins 	PASS PASS PASS PASS
Cross Reactivity:	Based on IEP, this antibody does not have precipitin bands to: <ul style="list-style-type: none"> • non-immunoglobulin human serum proteins 	PASS

SDS-PAGE



Immunoelectrophoresis (IEP)



- 1) GtxHu-010-G, Lot # 86-25-092120
- 2) Mol Weight Standard

Date: September 22, 2020

Signature: _____
Quality Control