

## Certificate of Analysis

Product:	Goat anti-Guinea Pig IgG (H&L), ALP Conjugate
Part Number:	GtxGp-003-DALP
Lot Number:	28-11-041312
Amount:	1.0 mg @ 1.50 mg/ml (E <sup>1%</sup> at 280 nm = 13.0)
Label:	Alkaline Phosphatase (ALP)
Form:	Clear, colorless liquid
Purification:	Affinity purified using solid phase Guinea Pig IgG
Purity:	Affinity purified antibody is ≥95 % based on SDS-PAGE
Host:	Goat
Immunogen:	Purified Guinea Pig IgG, whole molecule
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"><li>• heavy (γ) chains on Guinea Pig IgG</li><li>• light chains on all Guinea Pig immunoglobulins</li></ul>
Cross Reactivity:	Based on IEP, no reactivity is observed to: <ul style="list-style-type: none"><li>• non-immunoglobulin Guinea Pig serum proteins</li></ul>
Country of Origin:	Goat antiserum was obtained from healthy animals of US origin and under the care of a registered veterinarian.
Note:	Conjugate prepared using Part # GtxGp-003-D, Lot # 20-107-112911.
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): <ul style="list-style-type: none"><li>• 1:500-1:2,000 for Immunohistochemistry</li><li>• 1:500-1:8,000 for ELISA/Western blot</li></ul>
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.

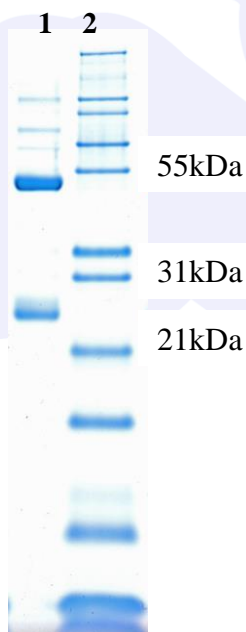
**Product may not be resold or modified for resale without prior written approval of ImmunoReagents, Inc.**

## Testing Results

**PRODUCT:** Goat anti-Guinea Pig IgG (H&L), ALP Conjugate  
**PART NUMBER:** GtxGp-003-DALP  
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<u>TESTS</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance:	Clear and Colorless	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"><li>• heavy (<math>\gamma</math>) chains on Guinea Pig IgG</li><li>• light chains on all Guinea Pig immunoglobulins</li></ul>	PASS PASS
Cross Reactivity:	Based on IEP, this antibody does not have precipitin bands to: <ul style="list-style-type: none"><li>• non-immunoglobulin Guinea Pig serum proteins</li></ul>	PASS
ELISA:	Dilution giving $A^{405}$ reading of $\geq 1.0$ when tested against Guinea Pig IgG coated at $2\mu\text{g/ml}$	1: 3,150

### SDS PAGE

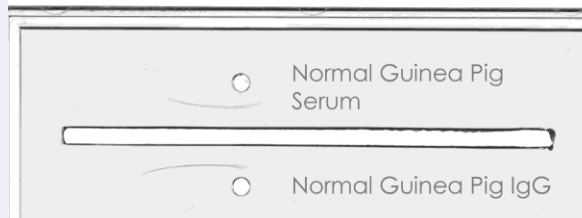


- 1) GtxGp-003-D, Lot # 20-107-112911
- 2) Mol Weight Standard

### Immuno-electrophoresis (IEP)

Part # GtxGp-003-D  
Lot # 20-107-112911

QCF # 3046



Date: October 15, 2018

Signature: \_\_\_\_\_



Quality Control