

Certificate of Analysis

Product:	Rabbit anti-Human IgG (H&L), ALP Conjugate
Part Number:	RbxHu-003-DALP
Lot Number:	34-113-102413
Amount:	1.0 mg @ 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:	Rabbit
Immunogen:	Purified Human 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">• heavy (γ) chains on Human IgG• 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:	Rabbit serum was obtained from healthy animals of US origin and under the care of a registered veterinarian.
Note:	This conjugate was prepared using Part # RbxHu-003-D, Lot # 27-149-101413.
Applications:	Suitable for use in: ELISA, WB, IHC, ICC, CL. The optimal working dilution should be determined by the investigator. Suggested starting dilutions: <ul style="list-style-type: none">• 1:500-1:2,000 for Immunohistochemistry• 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

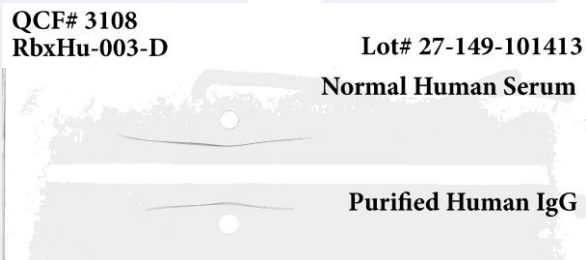
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PART NUMBER: RbxHu-003-DALP
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<u>TESTS</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance:	Clear, colorless liquid	PASS
Purity:	Two predominant bands at 50 and 24 kDa based on SDS-PAGE	PASS
Specificity:	Based on IEP, this antibody has precipitin bands with: <ul style="list-style-type: none">heavy (γ) chains on Human IgGlight chains on all Human immunoglobulins	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
ELISA:	Dilution giving A^{405} reading of ≥ 1.0 when tested against Human IgG coated at 2 $\mu\text{g/ml}$	1:12,900

SDS PAGE




Immunoelectrophoresis (IEP)



- 1) RbxHu-003-D, Lot # 27-149-101413
- 2) Mol Weight Standard

Date: October 31, 2013

Signature: _____


Quality Control