
Certificate of Analysis

Product:	Rabbit anti-Llama IgG (H&L), ALP Conjugate
Part Number:	RbxLI-003-DALP
Lot Number:	69-18-041619
Amount:	0.5 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 Llama IgG
Purity:	≥95 % based on SDS-PAGE
Host:	Rabbit
Immunogen:	Purified Llama 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 Llama IgG• light chains on all Llama immunoglobulins
Cross Reactivity:	Based on IEP, no reactivity is observed to: <ul style="list-style-type: none">• non-immunoglobulin Llama serum proteins
Country of Origin:	Rabbit serum was obtained from healthy animals of US origin and under the care of a registered veterinarian.
Note:	Conjugate prepared using Part # RbxLI-003-D, lot # 27-169-011614.
Applications:	This conjugate is suitable for all immunoassay applications. The optimal working dilution should be determined by the investigator. Suggested starting dilution(s): <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. 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

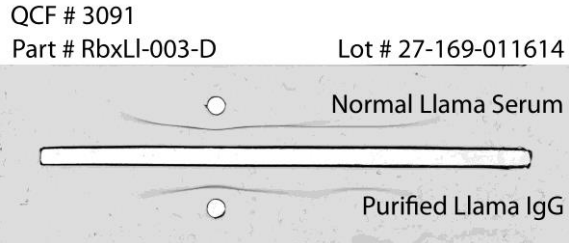
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PART NUMBER: RbxLI-003-DALP
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<u>TESTS</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance:	Clear and Colorless	PASS
Purity:	Two predominant bands at 50 and 24 kDa based on SDS-PAGE	PASS
Specificity:	Based on IEP, this antibody has precipitin bands with: <ul style="list-style-type: none">heavy (γ) chains on Llama IgGlight chains on all llama immunoglobulins	PASS PASS
Cross Reactivity:	Based on IEP, this antibody does not have precipitin bands to: <ul style="list-style-type: none">non-immunoglobulin llama serum proteins	PASS
ELISA:	Dilution giving A^{405} reading of ≥ 1.0 when tested against Llama IgG coated at $2\mu\text{g/ml}$	1:9,600

SDS PAGE



Immunoelectrophoresis (IEP)



- 1) RbxLI-003-D, Lot # 27-169-011614
- 2) Mol Weight Standard

Date: April 23, 2019

Signature:  _____
Quality Control