

Certificate of Analysis

Product: Donkey anti-Rat IgG (H&L), Affinity Pure

Part Number: DkxRt-003-F
Lot Number: 33-82-030314
Concentration: 10.4 mg/ml (E^{1%} at 280 nm = 14.0)
Amount: 2.0 mg
Form: Clear, colorless liquid, 0.2 µm filtered
Purification: Affinity purified using solid phase Rat IgG
Purity: ≥ 95 % based on SDS-PAGE
Immunogen: Purified Rat IgG, 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: April 12, 2021

Specificity: Based on IEP, this antibody reacts with:

- heavy (γ) chains on Rat IgG
- light chains on all Rat immunoglobulins

Cross Reactivity: Based on IEP, no reactivity is observed to:

- non-immunoglobulin Rat serum proteins
- serum proteins from Human or Rabbit
- IgG from Bovine, Chicken, Goat, Guinea Pig, Hamster, Horse, Human, Mouse, Rabbit, or Sheep

Country of Origin: Donkey serum was obtained from healthy animals of US origin and under the care of a registered veterinarian.

Applications: Suitable for use in: ELISA, WB, IHC, ICC, CL, FACS, IM, IF
The optimal working dilution should be determined by the investigator.

Disclaimer: *For in vitro Laboratory Use Only.* 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.

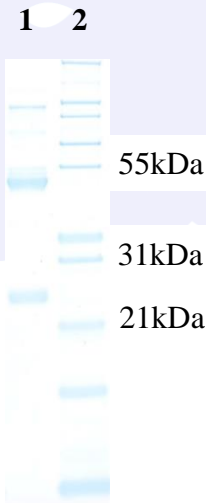
Product may not be resold or modified for resale without prior written approval of ImmunoReagents, Inc.

Testing Results

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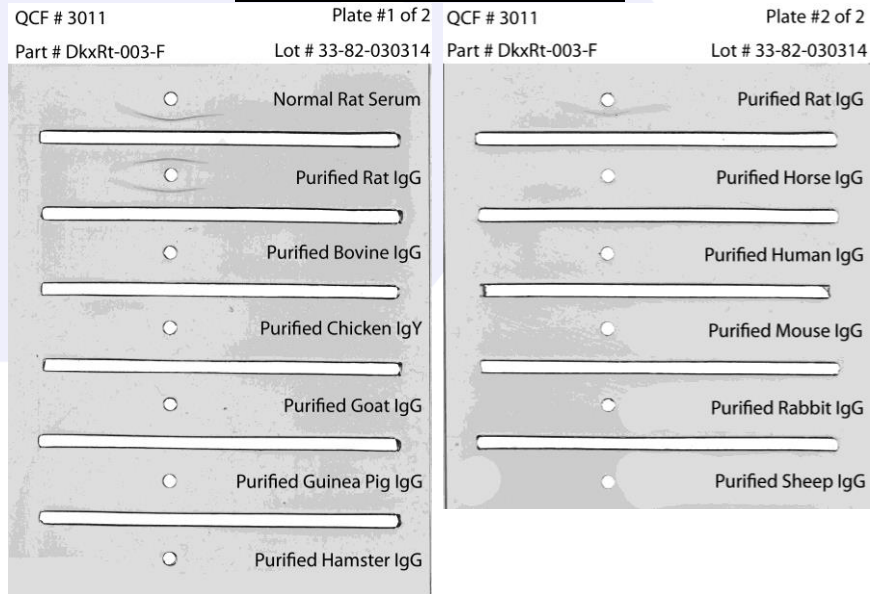
<u>TESTS</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance:	Clear, colorless liquid	PASS
Purity:	Two predominant bands at 50 and 24 kDa based on SDS-PAGE	PASS
Specificity:	Based on IEP, this antibody has precipitin bands with:	
	<ul style="list-style-type: none"> • heavy (γ) chains on Rat IgG • light chains on all Rat immunoglobulins 	PASS PASS
Cross Reactivity:	Based on IEP, this antibody does not have precipitin bands to:	
	• non-immunoglobulin Rat serum proteins	PASS
	• serum proteins from Human or Rabbit	PASS
	• IgG from Bovine, Chicken, Goat, Guinea Pig, Hamster, Horse, Human, Mouse, Rabbit, or Sheep	PASS

SDS-PAGE



- 1) DkxRt-003-F, Lot # 33-82-030314
- 2) Mol Weight Standard

Immunoelectrophoresis (IEP)



Date: April 12, 2019

Signature: _____
Joe Bond
Quality Control