

6003 Chapel Hill Road · Suite # 153 · Raleigh, NC 27607

Certificate of Analysis

Product:	Donkey anti-Rat IgG (H&L), Affinity Pure					
Part Number:	DkxRt-003-F					
Lot Number:	90-24-020321					
Concentration:	10.0 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:	\geq 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:	February 3, 2024					
Specificity:	Based on IEP, this antibody reacts with:					
	 heavy (γ) chains on Rat IgG 					
	• light chains on all Rat immunoglobulins					
	C C					
Cross Reactivity:	Based on IEP, no reactivity is observed to:					
	• non-immunoglobulin Rat serum proteins					
	• IgG from Bovine, Chicken, Goat, Guinea Pig, Hamster, Horse,					
	Human, Mouse, Rabbit or Sheep					
	Trumun, mouse, Rubble of bheep					
Country of Origin:	Donkey serum was obtained from healthy animals of US origin and under the					
country of origin.	care of a registered veterinarian.					
Applications:	This antibody has been absorbed to remove cross reactivity with IgG from					
Applications.	Bovine, Chicken, Goat, Guinea Pig, Hamster, Horse, Human, Mouse, Rabbit					
	or Sheep. The optimal working dilution should be determined by the					
	investigator.					
	Suitable for use in: ELISA, IP, IDA, WB, IHC, Absorption					
	Suitable for use III. ELISA, IF, IDA, WB, IIIC, Absorption					
Disclaimer:	For in vitro Laboratory Use Only. Not for diagnostic or therapeutic use. Not					
Discialifier.	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.					
	patent of as a neense under any patent of minimunokeagents, inc.					
	Product may not be resold or modified for resale without prior written					
	approval of ImmunoReagents, Inc.					

*ImmunoReagents,Inc.

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Testing Results

RESULTS

<u>TESTS</u>	SPECIFICATIONS		
LOT NUMBER:	90-24-020321		
PART NUMBER:	DkxRt-003-F		
PRODUCT:	Donkey anti-Rat IgG (H&L), Affinity Pure		

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: 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 IgG from Bovine, Chicken, Goat, Guinea Pig, Hamster, Horse, Human, Mouse, Rabbit or Sheep 	PASS PASS

SDS PAGE

SDS PAGE		<u>Immunoelectrophoresis</u>			
		IEP for Donkey anti-Rat IgG (H&L), Affinity Pure		IEP for Donkey anti-Rat IgG (H&L), Affinity Pure Plate 2	
	1 2	Part# DkxRt-003-F	Plate 1 Lot# 90-24-020321	Part# DkxRt-003-F	Lot# 90-24-020321
		0	Normal Rat Serum	0	Purified Rat IgG
	55kDa		06810029		Diate: 203-F.)
			Purified Rat IgG		Purified Horse IgG
	31kDa		068.003.1		Divisit 003.F
			Purified Bovine IgG	0	Purified Human IgG
	21kDa	1	Diale-005F		DUR-003F
		0	Purified Chicken IgY		Purified Mouse IgG
			DiaR-001E		and the second
		0	Purified Goat IgG	0	OkaRt-000
			068-00F		Purified Rabbit IgG
			Purified Guinea Pig IgG		Disdl:-00)-F
			Dkp/93-093-4		Purified Sheep IgG
		0	Purified Hamster IgG		
1)	DkxRt-003-F, Lot # 90-24-02032	[
2)	Mol Weight Standard		/		
	0.0001	a .	1-form	2	
Date: February 8, 2021		Signature:	Opetity Cor	otrol	
			Quality Cor	10.01	