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

# **Certificate of Analysis**

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

Part Number: CkxRt-003-E Lot Number: 68-171-120619

Concentration:  $10.0 \text{ mg/ml} (E^{1\%} \text{ at } 280 \text{ nm} = 13.2)$ 

Amount: 1.0 mg

Form: Clear, colorless liquid, 0.2 µm filtered
Purification: Affinity purified using solid phase Rat IgG

Purity: > 95% based on SDS-PAGE

Host: Chicken

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: December 06, 2022

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 Human or Rabbit

Country of Origin: Ig fraction was prepared using eggs obtained from healthy hens of US origin.

Applications: This antibody has been absorbed to remove cross reactivity with Human or

Rabbit IgG/serum proteins. The optimal working dilution should be

determined by the investigator.

Suitable for use in: ELISA, IP, IDA, WB, IHC, Absorption

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

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approval of ImmunoReagents, Inc.

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## **Testing Results**

**PRODUCT:** Chicken anti-Rat IgG (H&L), Affinity Pure

**PART NUMBER:** CkxRt-003-E **LOT NUMBER:** 68-171-120619

	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance:	Clear and Colorless	PASS
Purity:	Two predominant bands at 60 and 24 kDa based on SDS PAGE	PASS
Specificity:	<ul> <li>Based on IEP, this antibody has precipitin bands with:</li> <li>heavy (γ) chains on Rat IgG</li> <li>light chains on all Rat immunoglobulins</li> </ul>	PASS PASS
Cross Reactivity:	Based on IEP, this antibody does not have precipitin bands to:	
	<ul> <li>non-immunoglobulin Rat serum proteins</li> </ul>	PASS

serum proteins from Human or Rabbit

IgG from Human or Rabbit

#### **SDS PAGE**

#### 1 2

55kDa

31kDa

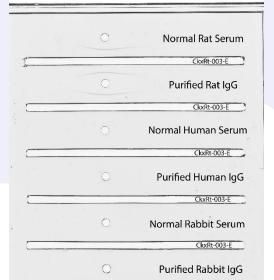
21kDa

### **Immunoelectrophoresis (IEP)**

IEP For Chicken anti-Rat IgG (H+L), Affinity Pure Part#: CkxRt-003-E Lot#: 68-171-120619

**PASS** 

**PASS** 



- 1) CkxRt-003-E, Lot # 68-171-120619
- 2) Mol Weight Standard

Date: December 12, 2019

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

**Quality Control** 

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