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## Certificate of Analysis

Product:	Chicken anti-Goat IgG (H&L), HRP Conjugate
Part Number:	CkxGt-003-EHRPX
Lot Number:	90-109-081221
Amount:	0.5 mg of lyophilized antibody (E <sup>1%</sup> at 280 nm = 13.2) (Product has been overfilled to ensure maximum recovery)
Label:	Horseradish Peroxidase (HRP)
Form:	Lyophilized
Purification:	Affinity purified using solid phase Goat IgG
Purity:	Affinity purified antibody is ≥ 95 % based on SDS-PAGE.
Host:	Chicken
Immunogen:	Purified Goat IgG, whole molecule
Buffer:	10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 1 % (w/v) BSA, Protease/IgG free
Preservative:	0.1 % (v/v) ProClin 150 – <i>Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase</i>
Reconstitution:	Rehydrate with 0.55 ml of deionized water. Allow reconstituted product to stand at least 30 minutes at room temperature prior to dilution. If necessary, centrifuge to remove any particulates. Prepare fresh working dilution daily.
Storage:	Store lyophilized material at 2-8 °C. For long term storage after reconstitution, dilute with 50 % glycerol and store at -20 °C as a liquid. Prepare working dilution prior to use and then discard.
Shelf Life:	Lyophilized product is stable 1 year from date of receipt.
Specificity:	Based on IEP, this antibody reacts with: <ul style="list-style-type: none"><li>• heavy (γ) chains on Goat IgG</li><li>• light chains on all Goat immunoglobulins</li></ul>
Cross Reactivity:	Based on IEP, no reactivity is observed to: <ul style="list-style-type: none"><li>• non-immunoglobulin Goat serum proteins</li><li>• IgG from Human, Mouse or Rabbit</li></ul>
Country of Origin:	Chicken Ig Fraction was prepared using eggs from hens of US origin and under the care of a registered veterinarian.
Note:	This product was prepared from CkxGt-003-E, lot # 77-79-070121.
Applications:	This antibody is suitable for use in most immunoassay formats for the detection or capture of Goat IgG. This antibody has been cross absorbed against IgG from Human, Mouse and Rabbit. This antibody is suitable for use in Western ImmunoBlots and ImmunoHistoChemistry (IHC). The optimal working dilution should be determined by the investigator. Suggested starting dilution(s): <ul style="list-style-type: none"><li>• 1:500-1:5,000 for Immunohistochemistry</li><li>• 1:200-1:5,000 for ELISA/Western blot</li></ul>
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.

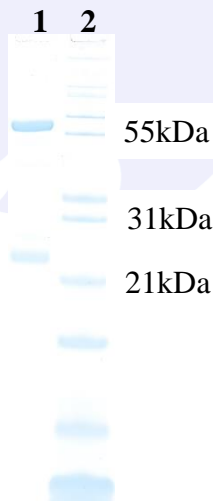
**Product may not be resold or modified for resale without prior written approval of ImmunoReagents, Inc.**

## Testing Results

**PRODUCT:** Chicken anti-Goat IgG (H&L), HRP Conjugate  
**PART NUMBER:** CkxGt-003-EHRPX  
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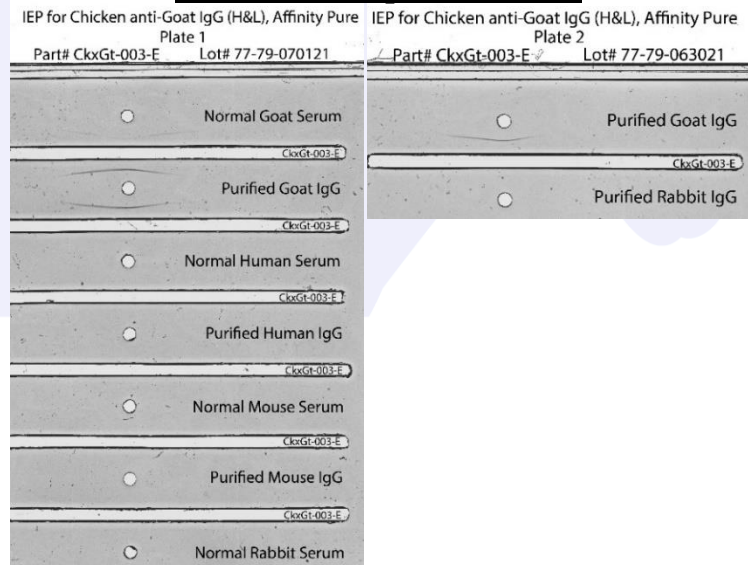
<u>TESTS</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance:	Reddish powder	PASS
Purity:	Two predominant bands at 60 and 24 kDa based on SDS-PAGE	PASS
Specificity:	Based on IEP, this antibody has precipitin bands with: <ul style="list-style-type: none"> <li>• heavy (<math>\gamma</math>) chains on Goat IgG</li> <li>• light chains on all Goat immunoglobulins</li> </ul>	PASS PASS
Cross Reactivity:	Based on IEP, this antibody does not have precipitin bands to: <ul style="list-style-type: none"> <li>• non-immunoglobulin Goat serum proteins</li> <li>• IgG from Human, Mouse or Rabbit</li> </ul>	PASS PASS
ELISA:	Dilution giving A <sup>450</sup> reading of $\geq 1.0$ when tested against Goat IgG (H&L) coated at 2 $\mu$ g/ml	1: 53,000

### SDS-PAGE



- 1) CkxGt-003-E, Lot # 77-79-070121
- 2) Mol Weight Standard

### Immunoelectrophoresis (IEP)



Date: August 23, 2021

Signature: \_\_\_\_\_  
Quality Control