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## Certificate of Analysis

Product: Goat anti-Chicken IgY (H&L), HRP Conjugate

Part Number: GtxCk-003-DHRPX  
Lot Number: 66-134-030321  
Amount: 1.0 mg of lyophilized antibody (E<sup>1%</sup> at 280 nm = 13.0)  
(Product has been overfilled to ensure maximum recovery)

Label: Horseradish Peroxidase (HRP)  
Form: Lyophilized  
Purification: Affinity purified using solid phase Chicken IgY  
Purity: Affinity purified antibody is ≥ 95 % based on SDS-PAGE  
Host: Goat  
Immunogen: Purified Chicken IgY, 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 – *Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase*  
Reconstitution: Rehydrate with 1.1 ml of deionized water. Allow reconstituted product to stand for 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 storage at -20 °C after reconstitution, 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:

- heavy chains on Chicken IgY
- light chains on all Chicken immunoglobulins

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

- non-immunoglobulin Chicken serum proteins

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

Note: This conjugate was prepared using Part # GtxCk-003-D, Lot # 65-161-061919.  
Applications: This conjugate is suitable for use in: ELISA, WB, IHC, CL. The optimal working dilution should be determined by the investigator. Suggested starting dilution(s):

- 1:500-1:5,000 for Immunohistochemistry
- 1:200-1:5,000 for ELISA/Western blot

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.

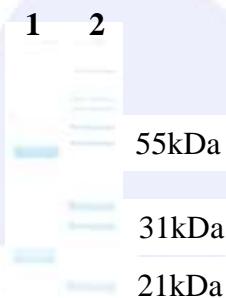
**Product may not be resold or modified for resale without prior written approval of ImmunoReagents, Inc.**

## Testing Results

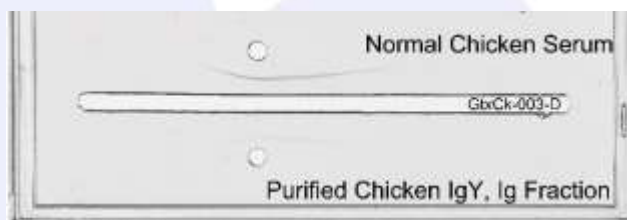
**PRODUCT:** Goat anti-Chicken IgY (H&L), HRP Conjugate  
**PART NUMBER:** GtxCk-003-DHRPX  
**LOT NUMBER:** 66-134-030321

<u>TESTS</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance:	Reddish powder	PASS
Purity:	Two predominant bands at 50 and 24 kDa based on SDS-PAGE	PASS
Specificity	Based on IEP, this antibody has precipitin bands against: <ul style="list-style-type: none"><li>• heavy chains on Chicken IgY</li><li>• light chains on all Chicken immunoglobulins</li></ul>	PASS PASS
Cross Reactivity	Based on IEP, no precipitin bands are observed to: <ul style="list-style-type: none"><li>• non-immunoglobulin Chicken serum proteins</li></ul>	PASS
ELISA:	Dilution giving $A^{450}$ reading of $\geq 1.0$ when tested against Chicken IgY (H&L) coated at 2 $\mu\text{g/ml}$	1: 152,000

### SDS-PAGE



### Immunoelectrophoresis (IEP)



- 1) GtxCk-003-D, Lot # 65-161-061919
- 2) Mol Weight Standard

Date: April 16, 2021

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

  
Quality Control