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## Certificate of Analysis

Product: Goat anti-Mouse IgG (H&L), HRP Conjugate

Part Number: GtxMu-003-DHRPX

Lot Number: 80-94-052021

Amount: 1.0 mg of lyophilized antibody ( $E^{1\%}$  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 Mouse IgG

Purity: Affinity purified antibody is  $\geq 95\%$  based on SDS-PAGE

Host: Goat

Immunogen: Purified Mouse 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 – *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 long term storage after reconstitution, dilute with 50 % glycerol and store at -20 °C as a liquid.

Shelf Life: 1 year from date of receipt

Specificity: Based on IEP, this antibody reacts with:

- heavy ( $\gamma$ ) chains on Mouse IgG
- light chains on all Mouse immunoglobulins

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

- non-immunoglobulin Mouse 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 # GtxMu-003-D, lot #61-145-032620

Applications: This conjugate is suitable for all immunoassay applications. 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. 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.**

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**Testing Results**

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**PRODUCT:** Goat anti-Mouse IgG (H&L), HRP Conjugate**PART NUMBER:** GtxMu-003-DHRPX**LOT NUMBER:** 80-94-052021**TESTS****SPECIFICATIONS****RESULTS**

Appearance:

Reddish powder

PASS

Purity:

Two predominant bands at 50 and 24 kDa based on SDS-PAGE

PASS

Specificity

Based on IEP, his antibody has precipitin bands against:

- heavy ( $\gamma$ ) chains on Mouse IgG
- light chains on all Mouse immunoglobulins

PASS

PASS

Cross Reactivity

Based on IEP, no precipitin bands are observed to:

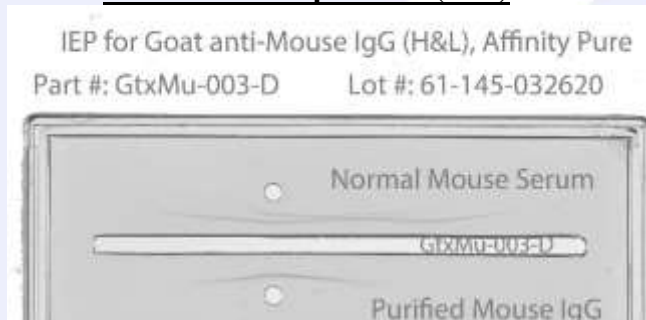
- non-immunoglobulin Mouse serum proteins

PASS

ELISA:

Dilution giving  $A^{450}$  reading of  $\geq 1.0$  when tested against Mouse IgG (H&L) coated at 2  $\mu\text{g/ml}$ 

1: 168,000

**SDS-PAGE****Immunoelectrophoresis (IEP)**

1) GtxMu-003-D, Lot # 61-145-032620

2) Mol Weight Standard

Date: June 8, 2021

Signature:   
Quality Control

