
Certificate of Analysis

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

Part Number: GtxDg-003-DHRPX
Lot Number: 65-162-061819
Amount: 0.5 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 Dog IgG
Purity: ≥ 95 % based on SDS-PAGE
Host: Goat
Immunogen: Purified Dog 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 0.55 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. 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 (γ) chains on Dog IgG
- light chains on all Dog immunoglobulins

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

- non-immunoglobulin Dog 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 # GtxDg-003-D, Lot # 27-148-092513.
Applications: 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.

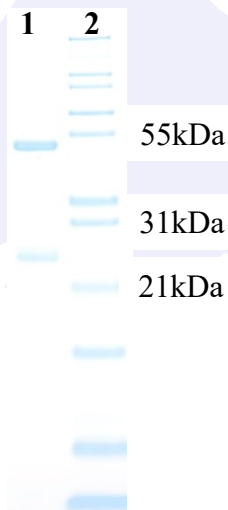
Product may not be resold or modified for resale without prior written approval of ImmunoReagents, Inc.

Testing Results

PRODUCT: Goat anti-Dog IgG (H&L), HRP Conjugate
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<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">heavy (γ) chains on Dog IgGlight chains on all Dog immunoglobulins	PASS PASS
Cross Reactivity	Based on IEP, no precipitin bands are observed to: <ul style="list-style-type: none">non-immunoglobulin Dog serum proteins	PASS
ELISA:	Dilution giving A^{450} reading of ≥ 1.0 when tested against Dog IgG (H&L) coated at 2 $\mu\text{g/ml}$	1: 139,000

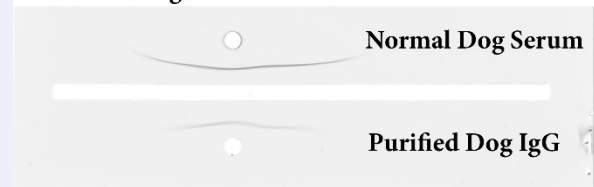
SDS-PAGE



Immunoelectrophoresis (IEP)

QCF # 3129

Part # GtxDg-003-D Lot # 27-148-092513



- 1) GtxDg-003-D, Lot # 65-162-061819
- 2) Mol Weight Standard

Date: June 27, 2019

Signature: _____


Quality Control

