
Certificate of Analysis

Product: Donkey anti-Sheep IgG (H&L), HRP Conjugate

Part Number: DkxSh-003-DHRPX

Lot Number: 68-90-053119

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 Sheep IgG

Purity: Affinity purified antibody is ≥ 95 % based on SDS-PAGE

Host: Donkey

Immunogen: Purified Sheep 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. 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 Sheep IgG
- light chains on all Sheep immunoglobulins

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

- non-immunoglobulin Sheep serum proteins

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

Note: This conjugate was prepared using Part # DkxSh-003-D, Lot # 58-153-072018.

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

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Testing Results

PRODUCT: Donkey anti-Sheep IgG (H&L), HRP Conjugate
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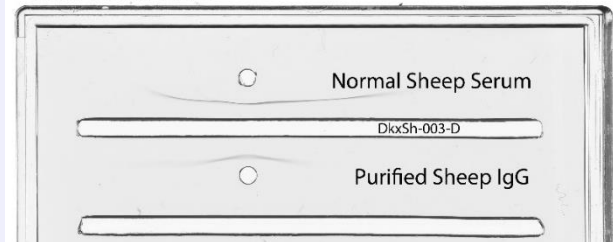
<u>TESTS</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance:	Reddish powder	PASS
Purity:	Two predominant bands at 50 and 24 kDa based on SDS-PAGE	PASS
Specificity:	Based on IEP, this antibody has precipitin bands with: <ul style="list-style-type: none">heavy (γ) chains on Sheep IgGlight chains on all Sheep immunoglobulins	PASS PASS
Cross Reactivity:	Based on IEP, this antibody does not have precipitin bands to: <ul style="list-style-type: none">non-immunoglobulin Sheep serum proteins	PASS
ELISA:	Dilution giving an A^{450} reading of ≥ 1.0 when tested against Sheep IgG (H&L) coated at 2 $\mu\text{g/ml}$	1: 239,000

SDS-PAGE




Immuno-electrophoresis (IEP)

IEP for Donkey anti-Sheep IgG (H&L), Affinity Pure
Part # DkxSh-003-D Lot # 58-153-072018



- 1) DkxSh-003-D, Lot # 58-153-072018
- 2) Mol Weight Standard

Date: June 10, 2019

Signature: 
Quality Control