

Certificate of Analysis

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

Part Number: DkxSh-003-FALP

Lot Number: 67-32-021419

Amount: 1.0 mg @ 1.50 mg/ml (E^{1%} at 280 nm = 13.0)

Label: Alkaline Phosphatase (ALP)

Form: Clear, colorless liquid

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: 30 mM Triethanolamine, pH 7.2, 5 mM Magnesium Chloride, 0.1 mM Zinc Chloride, 1 % (w/v) BSA, Protease/IgG free

Preservative: 0.05 % (w/v) Sodium Azide

Storage: Store undiluted liquid at 2-8 °C. For storage at -20 °C 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 (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
- IgG from Human, Mouse or Rabbit

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

Note: Conjugate prepared using Part # DkxSh-003-F, lot # 70-1-020119.

Applications: This conjugate is suitable for all immunoassay applications. The optimal working dilution should be determined by the investigator. Suggested starting dilution(s):

- 1:500-1:2,000 for Immunohistochemistry
- 1:500-1:8,000 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.

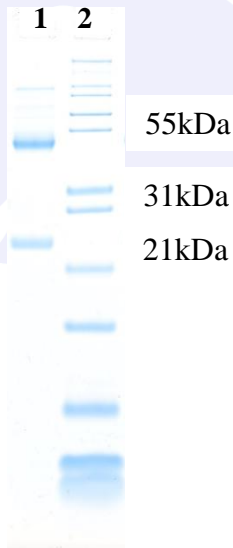
Product may not be resold or modified for resale without prior written approval of ImmunoReagents, Inc.

Testing Results

PRODUCT: Donkey anti-sheep IgG (H&L), ALP Conjugate
PART NUMBER: DkxSh-003-FALP
LOT NUMBER: 67-32-021419

<u>TESTS</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance:	Clear and Colorless	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 IgG • light 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 • IgG from Human, Mouse or Rabbit 	PASS PASS
ELISA:	Dilution giving A ⁴⁰⁵ reading of ≥ 1.0 when tested against Sheep IgG coated at 2 μ g/ml	1:7,100

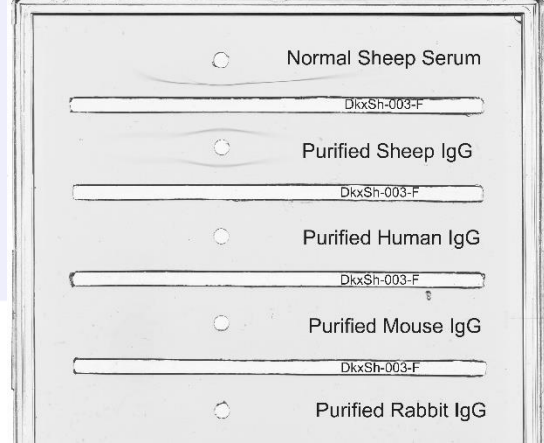
SDS PAGE



- 1) DkxSh-003-F, Lot # 70-1-020119
- 2) Mol Weight Standard

Immunoelectrophoresis (IEP)

IEP for Donkey anti-Sheep IgG (H&L), Affinity Pure
 Part # DkxSh-003-F Lot # 70-01-020119



Date: February 22, 2019

Signature: _____
 Quality Control