

Datasheet for 614-1502**Swine IgG (H&L) Antibody Alkaline Phosphatase Conjugated****Overview**

Description:	Goat Anti-Swine IgG (H&L) Antibody Alkaline Phosphatase Conjugated - 614-1502
Item No.:	614-1502
Size:	1 mg
Applications:	Dot Blot, ELISA
Reactivity:	Pig
Host Species:	Goat

Product Details

Background:	Anti-Swine IgG whole molecule antibody generated in goat detects specifically Swine IgG whole molecule. This secondary antibody anti-Swine is ideal for investigators who routinely perform ELISA, Sandwich ELISA, titration assays, western-blot, immunoprecipitation and more generally immunoassays.
Synonyms:	goat Anti-Swine IgG alkaline phosphatase Conjugated Antibody, goat Anti-Swine IgG Antibody alk phos Conjugation
Host Species:	Goat
Specificity:	IgG (H&L)
Conjugate:	Alkaline Phosphatase (AP)
Clonality:	Polyclonal
Format:	IgG

Target Details

Reactivity:	Pig
Immunogen Type:	Native Protein
Immunogen:	Anti-Swine IgG whole molecule was produced by repeated immunization with Swine IgG whole molecule in goat.

Purity/Specificity:	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Swine IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Alkaline Phosphatase (calf intestine), anti-Goat Serum, Swine IgG and Swine Serum.
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Application Details

Tested Applications:	Dot Blot, ELISA
Application Note:	Anti-Swine IgG Alkaline Phosphatase Conjugated Antibody has been tested by dot blot and ELISA and is suitable for immunoblotting (western or dot blot), ELISA and immunohistochemistry as well as other antibody based enzymatic assays requiring extremely low background levels, lot-to-lot consistency, high titer and specificity.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:2,000 - 1:10,000
IHC:	1:200 - 1:1,000
WB:	1:500 - 1:2,500

Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1.0 mg/mL by UV absorbance at 280 nm
Buffer:	0.05 M Tris Chloride, 0.15M Sodium Chloride, 0.001M Magnesium Chloride, 0.0001M Zinc Chloride, 50% (v/v) Glycerol; pH 8.0
Preservative:	0.01% (w/v) Sodium Azide
Stabilizer:	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free

Shipping & Handling

Shipping Condition:	Wet Ice
Storage Condition:	Store vial at 4° C before opening. DO NOT FREEZE. This product is stable at 4° C as an undiluted liquid. Dilute only prior to immediate use. Freezing alkaline phosphatase conjugates will result in a substantial loss of enzymatic activity.
Expiration:	Expiration date is one (1) year from date of receipt.

Images



Dot Blot

Dot Blot of Goat anti-Swine IgG Antibody Alkaline Phosphatase Conjugated. Antigen: Swine IgG. Load: Lane 1 - 200 ng Lane 2 - 66.7 ng Lane 3 - 22.2 ng Lane 4 - 7.41 ng Lane 5 - 2.47 ng. Primary antibody: n/a. Secondary antibody: Goat anti-Swine IgG Antibody Alkaline Phosphatase Conjugated at 1:1,000 for 60 min at RT. Block: MB-070 for 1 HR at RT.

Disclaimer

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