

Datasheet for 614-1102

Swine IgG (H&L) Antibody**Overview**

Description:	Goat Anti-Swine IgG (H&L) Antibody - 614-1102
Item No.:	614-1102
Size:	2 mg
Applications:	WB, LFA
Reactivity:	Pig
Host Species:	Goat

Product Details

Background:	Anti-Swine IgG secondary antibody generated in goat detects specifically swine IgG. This secondary antibody anti-Swine is ideal for investigators who routinely perform titration assays, western-blot, immunoprecipitation and more generally immunoassays.
Synonyms:	goat Anti-Swine IgG Antibody, goat Anti Swine IgG Antibody
Host Species:	Goat
Specificity:	IgG (H&L)
Clonality:	Polyclonal
Format:	IgG

Target Details

Reactivity:	Pig
Immunogen Type:	Native Protein
Immunogen:	Anti-Swine IgG (H&L) was produced by repeated immunization with swine whole IgG molecule in goat.
Purity/Specificity:	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Swine IgG coupled to agarose beads. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum, Swine IgG and Swine Serum.

Application Details

Tested Applications:	WB
Suggested Applications:	LFA (Based on references)
Application Note:	Anti-Swine IgG (H&L) is tested by western blot and is suitable for use in immunoelectrophoresis, western-blot, competitive western-blot, ELISA and competitive ELISA assays. Specific conditions for reactivity and signal detection should be optimized by the end user.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:20,000 - 1:100,000
IHC:	1:1,000 - 1:5,000
WB:	1:2,000 - 1:10,000

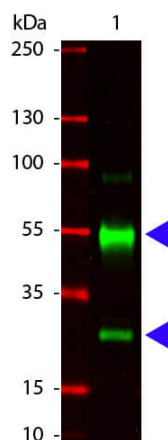
Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	2.17 mg/mL by UV absorbance at 280 nm
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	0.01% (w/v) Sodium Azide

Shipping & Handling

Shipping Condition:	Wet Ice
Storage Condition:	Store vial at 4° C prior to opening. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing.
Expiration:	Expiration date is one (1) year from date of receipt.

Images



Western Blot

Western Blot of Goat anti-Swine IgG antibody. Lane 1: Swine IgG (p/n 014-0102). Lane 2: none. Load: 100 ng per lane. Primary antibody: Swine Antibody at 1:1,000 o/n at 4°C. Secondary antibody: DyLight™ 649 goat secondary antibody at 1:20,000 for 30 min at RT. Block: MB-070 for 30 min at RT. Predicted/Observed size: 55 kDa, 28 kDa for Swine IgG. Other band(s): none.

References

- Bambang Kuswandi et al. Immuno Strip Test for Detection of Pork Adulteration in Cooked Meatballs. *Research Gate* (2017)

Disclaimer

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