

## Datasheet for 610-101-130

**Mouse IgG IgA IgM (H&L) Antibody****Overview**

<b>Description:</b>	Goat Anti-Mouse IgG IgA IgM (H&L) Antibody - 610-101-130
<b>Item No.:</b>	610-101-130
<b>Size:</b>	2 mg
<b>Applications:</b>	ELISA, LFA
<b>Reactivity:</b>	Mouse
<b>Host Species:</b>	Goat

**Product Details**

<b>Background:</b>	<p>Anti-Mouse IgG IgA and IgM whole molecule antibody generated in goat detects specifically Mouse IgG IgA and IgM whole molecules. This secondary antibody anti-Mouse is ideal for investigators who routinely perform ELISA, Sandwich ELISA, titration assays, western-blot, immunoprecipitation and more generally immunoassays.</p> <p>Anti-Mouse IgG IgA IgM (H&amp;L) Antibody is ideal for researchers in Cancer, Immunology, and Microbiology research.</p>
<b>Synonyms:</b>	Gt-a-Mouse IgG IgA IgM, Mouse IgG IgA IgM Antibody in Goat, Mouse IgG IgA IgM Secondary Antibody, Goat anti-mouse IgG IgA IgM antibody, goat anti-mouse IgGAM antibody
<b>Host Species:</b>	Goat
<b>Specificity:</b>	IgG IgA IgM
<b>Clonality:</b>	Polyclonal
<b>Format:</b>	IgG

**Target Details**

<b>Reactivity:</b>	Mouse
<b>Immunogen:</b>	Mouse IgG IgA and IgM whole molecule

**Purity/Specificity:** Anti-Mouse IgG IgA IgM (H&L) Antibody was prepared from polyspecific antiserum by immunoaffinity chromatography using antigens 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-Goat Serum, Mouse IgG, Mouse IgA and Mouse IgM.

## Application Details

<b>Tested Applications:</b>	ELISA
<b>Suggested Applications:</b>	LFA (Based on references)
<b>Application Note:</b>	Anti-Mouse IgG IgA IgM (H&L) Antibody has been tested by ELISA and is suitable for immunoprecipitation, immunodiffusion, conjugation and most immunological methods requiring lot-to-lot consistency, high titer and specificity. Specific conditions for reactivity and signal detection should be optimized by the end user.
<b>Assay Dilutions:</b>	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
<b>ELISA:</b>	1:20,000 - 1:50,000
<b>IHC:</b>	1:1,000 - 1:5,000
<b>WB:</b>	1:2,000 - 1:10,000

## Formulation

<b>Physical State:</b>	Liquid (sterile filtered)
<b>Concentration:</b>	2.20 mg/mL by UV absorbance at 280 nm
<b>Buffer:</b>	0.125 M Sodium Borate, 0.075 M Sodium Chloride, 0.005 M EDTA, pH 8.0
<b>Preservative:</b>	0.01% (w/v) Sodium Azide
<b>Stabilizer:</b>	None

## Shipping & Handling

<b>Shipping Condition:</b>	Wet Ice
<b>Storage Condition:</b>	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.
<b>Expiration:</b>	Expiration date is one (1) year from date of receipt.

## References

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

## Disclaimer

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