

Datasheet for 609-1106**Human IgA (alpha chain) Antibody****Overview**

Description:	Goat Anti-Human IgA (alpha chain) Antibody - 609-1106
Item No.:	609-1106
Size:	1 mg
Applications:	Dot Blot, ELISA, Other
Reactivity:	Human
Host Species:	Goat

Product Details

Background:	Anti-Human IgA Antibody generated in goat detects immunoglobulin A (alpha chain) from human. Immunoglobulin A (IgA) is an antibody that plays a critical role in mucosal immunity. IgA has two subclasses (IgA1 and IgA2) and can exist in a dimeric form called secretory IgA (sIgA). Secondary Antibodies are available in a variety of formats and conjugate types. When choosing a secondary antibody product, consideration must be given to species and immunoglobulin specificity, conjugate type, fragment and chain specificity, level of cross-reactivity, and host-species source and fragment composition.
Synonyms:	goat anti-Human IgA (alpha chain) Antibody, goat anti-Human IgA alpha Antibody
Host Species:	Goat
Specificity:	IgA
Clonality:	Polyclonal
Format:	IgG

Target Details

Reactivity:	Human
Immunogen:	Human IgA alpha heavy chain

Purity/Specificity:	Goat Anti-Human IgA was prepared from monospecific antiserum by immunoaffinity chromatography using Human IgA 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, Human IgA and Human Serum. No reaction was observed against Human IgM or Human IgG. ELISA was used to confirm minimal cross reactivity against other human heavy or light chain isotypes.
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Relevant Links:	• 609-1106 SDS
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Application Details

Tested Applications:	Dot Blot, ELISA
Suggested Applications:	Other (Based on references)
Application Note:	Human secondary antibody to IgA is available in a variety of formats. Anti-Human IgA Antibody has been tested by ELISA and dot blot and is suitable for Immunohistochemistry, Western Blotting as well as other antibody based assays.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:80,000
IHC:	1:1,000 - 1:5,000
WB:	1:2,000 - 1:10,000

Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1.22 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
Stabilizer:	None

Shipping & Handling

Shipping Condition:	Wet Ice
Storage Condition:	Store secondary antibody at 4° C prior to opening. This Anti-Human IgA 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.

References

- Rosen L et al. Saliva profiles in children using heart failure medication: a pilot study. *Eur Arch Paediatr Dent.* (2010)

Disclaimer

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