

## Datasheet: 104004

<b>Description:</b>	GOAT ANTI MOUSE IgA:Alk. Phos.
<b>Specificity:</b>	IgA
<b>Format:</b>	Alk. Phos.
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	1 ml

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
ELISA	▪			1/2000 - 1/4000

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

<b>Target Species</b>	Mouse
<b>Product Form</b>	Purified IgG conjugated to Alkaline Phosphatase - liquid
<b>Antiserum Preparation</b>	Antiserum to mouse IgA was raised by repeated immunisation of goats with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
<b>Buffer Solution</b>	TRIS buffered saline, 1mM MgCl <sub>2</sub>
<b>Preservative</b>	<0.1% Sodium Azide (NaN <sub>3</sub> )
<b>Stabilisers</b>	50% Glycerol
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">P01878</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">16061</a>    Igh-VJ558    <a href="#">Related reagents</a></p>
<b>RRID</b>	AB_619826

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**Specificity**                    **Goat anti Mouse IgA antibody** recognizes murine IgA as demonstrated by ELISA, FLISA and/or Flow cytometry.  
Goat anti Mouse IgA antibody has been cross adsorbed against mouse IgG1, IgG2a, IgG2b, IgG3 and IgM.

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**References**                    1. Lindner, C. *et al.* (2012) Age, microbiota, and T cells shape diverse individual IgA repertoires in the intestine. [J Exp Med. 209: 365-77.](#)  
2. Tregoning, J.S. *et al.* (2013) A "prime-pull" vaccine strategy has a modest effect on local and systemic antibody responses to HIV gp140 in mice. [PLoS One. 8: e80559.](#)

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**Storage**                        This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

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**Guarantee**                    Guaranteed for 12 months from the date of despatch or until the date of expiry, whichever comes first. Please see label for expiry date.

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**Health And Safety Information**                    Material Safety Datasheet documentation #10322 available at:  
<https://www.bio-rad-antibodies.com/SDS/10400410322>

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**Regulatory**                    For research purposes only

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)  
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