

## Datasheet: 5104-2104

<b>Description:</b>	GOAT ANTI HUMAN IgA ALPHA CHAIN:Alk. Phos.
<b>Specificity:</b>	IgA ALPHA CHAIN
<b>Format:</b>	Alk. Phos.
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	1 mg

## 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
Immunohistology - Frozen	▪			
ELISA	▪			1/1
Western Blotting	▪			

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 the appropriate negative/positive controls.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG conjugated to Alkaline Phosphatase - liquid
<b>Preparation</b>	Purified IgG prepared by affinity chromatography
<b>Buffer Solution</b>	TRIS buffered saline
<b>Preservative Stabilisers</b>	1mM Magnesium chloride 0.1 mM Zinc chloride 50% Glycerol 1% Bovine Serum Albumin 0.01% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml
<b>Immunogen</b>	Highly purified human IgA alpha-chain.
<b>External Database Links</b>	<b>UniProt:</b> <a href="#">P01876</a> <a href="#">Related reagents</a> <a href="#">P01877</a> <a href="#">Related reagents</a>

**Entrez Gene:**[3493](#) IGHA1 [Related reagents](#)[3494](#) IGHA2 [Related reagents](#)

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<b>Specificity</b>	<b>Goat anti Human IgA alpha chain antibody</b> recognizes the alpha chain of human immunoglobulin A.  Goat anti Human IgA alpha chain antibody has been cross-adsorbed to minimise cross-reactivity with other human immunoglobulin subclasses.
<b>Purity</b>	IEP resulted in a single precipitin arc against anti-alkaline phosphatase (calf intestine), anti-goat serum, human IgA and human serum. No reaction was observed against human IgG F(c).
<b>References</b>	1. Lantto, J. <i>et al.</i> (2010) Capturing the natural diversity of the human antibody response against vaccinia virus <a href="#">J. Virol. 2010 0: JVI.02127-10</a>
<b>Storage</b>	+4°C DO NOT FREEZE
<b>Shelf Life</b>	18 months from date of despatch.
<b>Health And Safety Information</b>	Material Safety Datasheet Documentation #10063 available at: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10063.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10063.pdf</a>
<b>Regulatory</b>	For research purposes only

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