

Datasheet: 5104-2404

**BATCH NUMBER 170717**

<b>Description:</b>	GOAT ANTI HUMAN IgA:HRP
<b>Specificity:</b>	IgA ALPHA CHAIN
<b>Format:</b>	HRP
<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	■			1/500 - 1/3000
Immunohistology - Paraffin			■	
ELISA	■			1/1000 - 1/50000
Western Blotting	■			1/1000 - 1/5000

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 Horseradish Peroxidase (HRP) - lyophilised
<b>Reconstitution</b>	Reconstitute with 1.0ml distilled water Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. Bio-Rad recommend that the vial is gently mixed after reconstitution.
<b>Preparation</b>	Purified Ig prepared by immunoaffinity isolation on an agarose column
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.01% Gentamicin Sulphate 1% Bovine Serum Albumin

<b>Approx. Protein Concentrations</b>	1.0 mg/ml after reconstitution
<b>Immunogen</b>	Highly purified human IgA alpha-chain.
<b>External Database Links</b>	<p><b>UniProt:</b></p> <p><a href="#">P01876</a>    <a href="#">Related reagents</a></p> <p><a href="#">P01877</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b></p> <p><a href="#">3493</a>    IGHA1    <a href="#">Related reagents</a></p> <p><a href="#">3494</a>    IGHA2    <a href="#">Related reagents</a></p>
<b>RRID</b>	AB_619879
<b>Specificity</b>	<p><b>Goat anti Human IgA alpha chain antibody</b> recognizes the alpha chain of human immunoglobulin A.</p> <p>Goat anti Human IgA alpha chain antibody has been cross-adsorbed to minimise cross-reactivity with other human immunoglobulin subclasses.</p>
<b>References</b>	<p>1. Lantto, J. <i>et al.</i> (2011) Capturing the natural diversity of the human antibody response against vaccinia virus. <a href="#">J Virol. 85 (4): 1820-33.</a></p> <p>2. Gerretsen, H.E. <i>et al.</i> (2018) Antibodies in lymphocyte supernatants can distinguish between neutralising antibodies induced by RSV vaccination and pre-existing antibodies induced by natural infection. <a href="#">Vaccine. 36 (46): 6988-94.</a></p>
<b>Storage</b>	<p>Prior to reconstitution store at +4°C.</p> <p>After reconstitution store at -20°C.</p> <p>Storage in frost-free freezers is not recommended.</p>
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	<p>Material Safety Datasheet documentation #10482 available at: <a href="https://www.bio-rad-antibodies.com/SDS/5104-2404">https://www.bio-rad-antibodies.com/SDS/5104-2404</a></p> <p>10482</p>
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Useful Reagents

[AbGUARD® HRP STABILIZER PLUS \(BUF052A\)](#)  
[AbGUARD® HRP STABILIZER PLUS \(BUF052B\)](#)  
[AbGUARD® HRP STABILIZER PLUS \(BUF052C\)](#)  
[TMB CORE \(BUF056A\)](#)  
[TMB CORE+ \(BUF062A\)](#)  
[TMB SIGNAL+ \(BUF054A\)](#)

<b>North &amp; South America</b>	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: <a href="mailto:antibody_sales_us@bio-rad.com">antibody_sales_us@bio-rad.com</a>	<b>Worldwide</b>	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: <a href="mailto:antibody_sales_uk@bio-rad.com">antibody_sales_uk@bio-rad.com</a>	<b>Europe</b>	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: <a href="mailto:antibody_sales_de@bio-rad.com">antibody_sales_de@bio-rad.com</a>	To find a
----------------------------------	---	------------------	---	---------------	---	-----------

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

'M375144:201217'

**Printed on 18 Jan 2024**

---

© 2024 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)