

Datasheet: HCA155P

BATCH NUMBER INN0213R

Description:	HUMAN ANTI PLASMODIUM VIVAX LDH:HRP
Specificity:	L-LACTATE DEHYDROGENASE
Format:	HRP
Product Type:	Monoclonal Antibody
Clone:	AbD13978_hlgG1
Isotype:	IgG1
Quantity:	0.1 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.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			
Immunoprecipitation			▪	
Western Blotting			▪	
Functional Assays			▪	

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.

Target Species	Protozoan
Product Form	Human IgG1 antibody (kappa light chain) selected from the HuCAL ® phage display library and expressed in a human cell line. Conjugated to horseradish peroxidase (HRP) - liquid.
Preparation	Purified IgG prepared by affinity chromatography on Protein A
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.01% Thiomersal HRP Stabiliser (BUF052A)

Approx. Protein Concentrations	IgG concentration 0.1 mg/ml
Immunogen	Recombinant LDH fusion protein from <i>Plasmodium vivax</i> .
External Database Links	UniProt: P13774 Related reagents Q4PRK9 Related reagents
RRID	AB_10895791
Specificity	<p>Human anti plasmodium vivax LDH, clone AbD13978 recognizes LDH (L-lactose dehydrogenase) from the Malaria causing protozoan species <i>Plasmodium vivax</i>. It was shown to cross-react with <i>Plasmodium falciparum</i> LDH.</p> <p>Clone AbD13978 was selected by phage display under heat stress conditions. The T_m value for thermal denaturation of the antibody was measured by CD spectroscopy and has been found to be 70 °C.</p>
Storage	Store at +4°C. DO NOT FREEZE. This product should be stored undiluted.
Guarantee	12 months from date of despatch
Acknowledgements	Sold under license of U.S. Patents 6753136, 7785859 and 8273688 and corresponding patents. This antibody was developed by Bio-Rad, Zeppelinstr. 4, 82178 Puchheim, Germany.
Health And Safety Information	Material Safety Datasheet documentation #10131 available at: https://www.bio-rad-antibodies.com/SDS/HCA155P 10131
Licensed Use	For in vitro research purposes only, unless otherwise specified in writing by Bio-Rad.
Regulatory	For research purposes only
Technical Advice	Recommended protocols and further information about HuCAL recombinant antibody technology can be found in the HuCAL Antibodies Technical Manual

North & South America	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com	Worldwide	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com	Europe	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com
----------------------------------	---	------------------	---	---------------	---

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)
'M371560:200612'

Printed on 01 Mar 2024