

<b>Product Name</b>	Plasmodium vivax Lactate Dehydrogenase	<p>SDS-PAGE gel</p> <p>kDa M 1</p> <p>235 170 130 93 70 53 41 30 22 18 14 9</p> <p>M: MW 1: PvLDH</p>	
<b>Synonym(s)</b>	Pv-LDH; PvLDH		
<b>Biological Origin</b>	Plasmodium vivax		
<b>Quantity</b>	100 ug, 0.9 mg/ml		
<b>Format</b>	Purified, Liquid		
<b>Molecular Weight</b>	35.3 kDa		
<b>Purity</b>	>95% by SDS-PAGE		
<b>Tag</b>	C-terminal His tag		
<b>Expression Source</b>	<i>E. coli</i>		
<b>GenBank Accession #</b>	Q4PRK9		
<b>Application</b>	ELISA, CLIA, Lateral Flow, Western Blot, and other immunological applications		
<b>Formulation</b>	1 × PBS, 10% glycerol, pH7.4		
<b>Storage and Stability</b>	Stable for 18 months at -20 °C.		
<b>Description</b>	<p>Plasmodium vivax lactate dehydrogenase (PvLDH) is an essential parasitic enzyme in the glycolytic pathway, widely used as a diagnostic biomarker and a measure of total-body parasite biomass in malaria infections. It catalyzes the interconversion of pyruvate and lactate for energy production. is a key target for rapid diagnostic tests (RDTs) and is structurally distinct from human LDH, making it a potential target for antimalarial drug development.</p>		
<b>Reference</b>	<p>Kim Y et al. (2023) Int J Mol Sci. 24(13): 11083. Cao P et al. (2024) Commun Biol. 7(1): 355.</p>		

**Related products**

Product	Cat#	Recombinant proteins of infectious diseases	Size
<b>Influenza</b>	ABRA0106	Influenza A nucleoprotein	100 µg
	ABRA0107	Influenza B nucleoprotein	100 µg
<b>Leishmania</b>	ABRA0163	Leishmania K28 protein (capture)	100 µg
	ABRA0166	Leishmania K28 protein (detection)	100 µg
	ABRA0165	Leishmania K39 protein	100 µg
	ABRA0164	Leishmania K9-26-39 protein	100 µg
<b>Leptospira</b>	ABRA0168	Pathogenic Leptospira lipoprotein LipL32	100 µg
<b>Filariasis</b>	ABRA0169	Lymphatic Filariasis SXP-1 protein	100 µg
<b>Malaria</b>	ABRA0170	Plasmodium falciparum histidine-rich protein 2 (Pf-HRP II)	100 µg
	ABRA0171	Plasmodium falciparum Aldolase protein	100 µg
	ABRA0172	Plasmodium falciparum merozoite surface protein 1 (capture)	100 µg

	ABRA0182	Plasmodium falciparum merozoite surface protein 1 (detection)	100 µg
	ABRA0179	Plasmodium vivax merozoite surface protein 1 (detection)	100 µg
	ABRA0180	Plasmodium vivax merozoite surface protein 1 (capture)	100 µg
	ABRA0173	Plasmodium vivax lactate dehydrogenase (Pv-LDH) protein	100 µg
	ABRA0174	Plasmodium falciparum lactate dehydrogenase (Pf-LDH) protein	100 µg
	ABRA0183	Plasmodium malariae lactate dehydrogenase (Pm-LDH) protein	100 µg
	ABRA0184	Plasmodium ovale lactate dehydrogenase (Po-LDH) protein	100 µg
<b>Dengue</b>	ABRA0097	Dengue type 1 envelope protein (insect cell)	100 µg
	ABRA0098	Dengue type 2 envelope protein (insect cell)	100 µg
	ABRA0099	Dengue type 3 envelope protein (insect cell)	100 µg
	ABRA0100	Dengue type 4 envelope protein (insect cell)	100 µg
	ABRA0101	Dengue type 1 NS1 protein (insect cell)	100 µg
	ABRA0102	Dengue type 2 NS1 protein (insect cell)	100 µg
	ABRA0103	Dengue type 3 NS1 protein (insect cell)	100 µg
	ABRA0104	Dengue type 4 NS1 protein (insect cell)	100 µg
<b>Rubella</b>	ABRA0292	Rubella virus E1 protein	100 µg
	ABRA0293	Rubella virus E2 protein	100 µg
	ABRA0294	Rubella virus E1-E2 protein	100 µg
<b>S. typhi</b>	ABRA0214	Salmonella H antigen protein	100 µg
<b>Syphilis</b>	ABRA0185	Treponema pallidum (Syphilis) p15 protein	100 µg
	ABRA0186	Treponema pallidum (Syphilis) p17 protein (capture)	100 µg
	ABRA0194	Treponema pallidum (Syphilis) p17 protein (detection)	100 µg
	ABRA0187	Treponema pallidum (Syphilis) p47 protein (capture)	100 µg
	ABRA0195	Treponema pallidum (Syphilis) p47 protein (detection)	100 µg
	ABRA0191	Treponema pallidum (Syphilis) p17/p47 fusion protein (capture/detection)	100 µg
	ABRA0196	Treponema pallidum (Syphilis) p17/p47 fusion protein (capture)	100 µg
	ABRA0287	Treponema pallidum (Syphilis) p15/p17/p47 fusion protein	100 µg
<b>T. gondii</b>	ABRA0210	Toxoplasma gondii surface antigen (SAG) 2 (capture)	100 µg
	ABRA0212	Toxoplasma gondii surface antigen (SAG) 2 (detection)	100 µg
	ABRA0213	Toxoplasma gondii surface antigen (SAG) 2	100 µg
<b>Tuberculosis</b>	ABRA0199	Mycobacterium tuberculosis antigen 14/16 chimeric protein	100 µg
	ABRA0207	Mycobacterium tuberculosis antigen 14/16 chimeric protein	100 µg
	ABRA0201	Mycobacterium tuberculosis antigen 6/14/38 chimeric protein	100 µg
	ABRA0205	Mycobacterium tuberculosis antigen 38 protein	100 µg
	ABRA0208	Mycobacterium tuberculosis major secretory protein antigen 85B	100 µg
<b>Zika</b>	ABRA0215	Zika NS1 protein (insect cell)	100 µg
<b>Insects</b>	ABRA0064M	Cockroach german (bla g 2)	100 µg
<b>Magrolimab biosimilar; IgG1</b>	AB28234022	Anti-CD47 antibody	100 µg

**Products are for research or further manufacturing use only and are not intended for human use.**