



Magic™ Anti-P. falciparum LDH monoclonal antibody, clone N2800Qg3 (DCABY-4808)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Plasmodium falciparum
Immunogen	PLDH antibody was raised in Mouse using Plasmodium falciparum conjugated to HRP as the immunogen
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Plasmodium falciparum
Clone	N2800Qg3
Conjugate	Unconjugated
Applications	ELISA Pr*, Lateral Flow Pr* Suggested pair: DCABY-4808 - DCABY-4807
Format	Liquid
Size	1 mg
Buffer	Supplied in 0.01M Sodium phosphate buffer, 0.1% NaN3
Preservative	0.1% Sodium Azide
Storage	Store at 2-8 °C for short term storage. For long term storage aliquot and store at -20 °C, avoid repeated freeze/thaw cycles

BACKGROUND

Introduction

Lactate dehydrogenase catalyzes the interconversion of pyruvate and lactate with concomitant interconversion of NADH and NAD⁺. It converts pyruvate, the final product of glycolysis to lactate when oxygen is absent or in short supply, and it performs the reverse reaction during the Cori cycle in the liver. Four species of *Plasmodium* can infect and be transmitted by humans. Severe disease is largely caused by *Plasmodium falciparum*. Malaria caused by *Plasmodium vivax*, *Plasmodium ovale* and *Plasmodium malariae* is generally a milder disease that is rarely fatal.

Keywords

LDH; LDH-M; L-lactate dehydrogenase A chain; LDH-A; PfLDH; Malaria; *P. falciparum* pLDH; PLDH; *Plasmodium falciparum*; *Plasmodium malariae*; Malaria LDH; *Malariae* LDH; *Plasmodium malariae* LDH;