

12-8392: Anti-Plasmodium, pan-LDH (PLAS-5967)

Clonality :	Monoclonal
Clone Name :	PLAS-5967
Application :	ELISA
Alternative Name :	LDH, Lactate dehydrogenase, pLDH, Malaria
Isotype :	Mouse IgG1

Description

Specificity: Anti-Plasmodium (Clone PLAS-5967) is specific for the parasite lactate dehydrogenase (pLDH) of several Plasmodium species including *P. falciparum*, *P. malariae*, and *P. vivax*.

Background: Plasmodium is a genus of parasitic protozoa that causes the disease malaria, a significant global health concern. There are several species of Plasmodium that can infect humans with the most common being *P. falciparum*, *P. vivax*, *P. malariae*, and *P. ovale*. The parasite is transmitted by the bite of infected female Anopheles mosquitoes. Once inside the host, the parasite infects and multiplies within red blood cells. Lactate dehydrogenase (LDH) is an important diagnostic marker used for the detection of malaria. It can be measured through various diagnostic methods including rapid diagnostic tests.

Product Info

Amount :	250µg
Purification :	Purity: $\geq 90\%$ Preparation: This monoclonal antibody is purified by protein A chromatography or sequential differential precipitations. Concentration: ≥ 1.0 mg/ml
Content :	Formulation: Formulated in 0.01 M phosphate buffered saline, pH 7.2 and contains 0.1% sodium azide. Due to inherent biochemical properties of antibodies, certain products may be prone to precipitation over time. Precipitation may be removed by aseptic centrifugation and/or filtration.
Storage condition :	This purified antibody is stable when stored at 2-8°C. Do not freeze.

Application Note

ELISA: 1:20 - 1:200