



Labsmart Software Sample Letterhead

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<https://www.yourlabname.in/>**Mr. Dummy**

Age / Sex : 27 YRS / M
Referred by : Dr. Sachin Patil (MBBS)
Reg. no. : 1077



1077

Registered on : 15/11/2024 04:11 PM
Collected on : 15/11/2024
Received on : 15/11/2024
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**SEROLOGY & IMMUNOLOGY**

TEST	VALUE	UNIT	REFERENCE
MALARIA ANTIGEN			
IGG	NEGATIVE		
IGM	NEGATIVE		

Malaria antigen detection-whole blood

Four species of the plasmodium parasites are responsible for human malaria infections: P. falciparum, P. vivax, P. ovale and P. malariae. Early detection and differentiation of malaria is of paramount importance due to incidence of cerebral malaria and drug resistance associated with P. falciparum malaria causing most of the morbidity and mortality worldwide.

Test Utility

The current test is a qualitative test for detection of the P. falciparum specific histidine rich protein-2 (Pf. HRP-2) and P. vivax specific lactate dehydrogenase (pLDH) in whole blood samples. The assay is able to detect and distinguish P. vivax and P. falciparum infections and also identify mixed infections.

Notes & Limitations

The test detects P. falciparum specific HRP-2 and P. vivax specific LDH, a negative test result does not rule out infection with P. ovale and P. malariae. Constant exposure to the malarial parasites, as seen in areas of high endemicity, may result in positive results with doubtful clinical significance. Hence, the results must always be correlated with clinical history and relevant epidemiological and therapeutic context.

~~~ End of report ~~~

Mr. Sachin Sharma  
DMLT, Lab Incharge

Dr. A. K. Asthana  
MBBS, MD Pathologist

**NOT VALID FOR MEDICO LEGAL PURPOSE**

Work timings: Monday to Sunday, 8 am to 8 pm

Please correlate clinically. Although the test results are checked thoroughly, in case of any unexpected test results which could be due to machine error or typing error or any other reason please contact the lab immediately for a free evaluation.