



Labsmart Software

Sample Letterhead

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<https://www.yourlabname.in/>**Mr. Saubhik Bhaumik**

Age / Sex : 28 YRS / M

Referred by : Dr. Sachin Patil (MBBS)

Reg. no. : 1023



1023

Registered on : 29/10/2024 01:20 PM

Collected on : 29/10/2024

Received on : 29/10/2024

Reported on : 29/10/2024 01:23 PM

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**HAEMATOLOGY**

TEST	VALUE	UNIT	REFERENCE
MALARIA PARASITE (CARD TEST)			
PLASMODIUM FALCIPARUM "PF"	POSITIVE		
PLASMODIUM VIVAX "PV"	POSITIVE		

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.