

**ADVANCE DIAGNOSTICS CENTRE**

C1-C2/17A, NEAR NIHARIKA TALKIES

KORBA- 495677

PH-09228333 MOBILE-9300888178

NAME : MR ATUL MISHRA 57 Years / Male Reg No. : 23570  
Ref. By : . SELF Reg. Date : 18/09/2022 02:34PM  
Address : HOUSE NO 455/1 KHARMORA ROAD, PODIBAHAR Collected At : MedZone Center

**INVESTIGATION REPORT****HAEMATOLOGY**

<u>TEST</u>	<u>RESULT</u>	<u>UNIT</u>	<u>BIOLOGICAL REF RANGE</u>	<u>TEST METHOD</u>
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**CBP (Complete Blood Picture)**

Sample Type : WB - EDTA

Haemoglobin	: 10.8	gm%	12.0 - 18.0	
Total Erythrocyte Count	: 4.98	M/cmm	4.0 - 6.2	Cell Counter
Hematocrit (PCV)	: 35.3	Vol %	35.0 - 50.0	
Mean Corpuscular Volume	: 70.9	fL	80 - 100	
Mean Corpuscular Hemoglobin	: 21.7	PG	26 - 34	
MCHC	: 30.6	g/L	31 - 35	
RDW	: 14.2	%	11.5 - 14.5	
Total Leucocyte Count.	: 1440	/cumm	4000 - 11000	

**DIFFERENTIAL COUNT :**

Neutrophils	: 42	%	40 - 75	
Lymphocytes.	: 50	%	20 - 40	Cell Counter
Monocytes.	: 06	%	2 - 10	Cell Counter
Eosinophils	: 02	%	1 - 6	Cell Counter
Basophils	: 0	%	0 - 1	Cell Counter
Platelet Count	: 84000	/cmm	150000 - 450000	

No large platelets or aggregates seen on smear exam..

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**Malarial parasite Identification By QBC**

Sample Type WB - EDTA

QBC For Malaria : Negative

QBC : It is a new method for identifying the malarial parasite in peripheral blood involves staining of the centrifuged & compressed red blood cell layer with seridine orange & its examination under UV light source. It is fast easy & claimed to be more sensitive than traditional thick smear.

RDT; (Rapid detection of malarial )

It is based on immunochromatographic detection of malarial antigen. 3 antigens are usually used PFHRP2, plasmodium aldolase & pLDH.

These remain positive even 1 month treatment

False Positive in patient having autoantibodies as Rheumatoid Factor.

False Negative in immunocompromised patient.

**SENSITIVITY INDEX:**

QBC : < 5 parasites / microlit. of blood

Thick smear : > 5 parasites / microlit. of blood

Thin smear : 200 parasites / microlit. of blood

pLDH : > 100-200 parasites / microlit. of blood

PfHRP2 : > 40- 100 parasites / microlit. of blood

Detection Of Malaria Parasite may be negative in 1st 3 days, because of low parasite index.

Repeat examination required depending upon clinical suspicion.

--- End Of Report ---

Sample Registered On : 18/09/2022 02:34PM

Sample Received On : 18/09/2022 03:43PM

Home Collection

Report Released On : 19/09/2022 02:22PM

Sample Barcode :



Checked By:RAVI

**Dr. VANDANA CHANDANI**