

Name : Mr. ADITYA BHAGIRATH  
DOIPHODE  
PID No. : MED110941242  
SID No. : 79133910  
Age / Sex : 33 Year(s) / Male  
Type : OP  
Ref. Dr : MediWheel

Register On : 12/02/2022 9:50 AM  
Collection On : 12/02/2022 10:12 AM  
Report On : 12/02/2022 7:45 PM  
Printed On : 23/04/2022 12:09 PM




<u>Investigation</u>	<u>Observed Value</u>	<u>Unit</u>	<u>Biological Reference Interval</u>
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## HAEMATOLOGY

### Complete Blood Count With - ESR

Haemoglobin (Blood/Spectrophotometry)	14.4	g/dL	13.5 - 18.0
Packed Cell Volume(PCV)/Haematocrit (Blood/Derived from Impedance)	42.2	%	42 - 52
RBC Count (Blood/Impedance Variation)	5.46	mill/cu.mm	4.7 - 6.0
Mean Corpuscular Volume(MCV) (Blood/Derived from Impedance)	77	fL	78 - 100
Mean Corpuscular Haemoglobin(MCH) (Blood/Derived from Impedance)	26.4	pg	27 - 32
Mean Corpuscular Haemoglobin concentration(MCHC) (Blood/Derived from Impedance)	34.2	g/dL	32 - 36
RDW-CV (Derived from Impedance)	15.0	%	11.5 - 16.0
RDW-SD (Derived from Impedance)	40.42	fL	39 - 46
Total Leukocyte Count (TC) (Blood/Impedance Variation)	11700	cells/cu.mm	4000 - 11000
Neutrophils (Blood/Impedance Variation & Flow Cytometry)	74	%	40 - 75
Lymphocytes (Blood/Impedance Variation & Flow Cytometry)	22	%	20 - 45
Eosinophils (Blood/Impedance Variation & Flow Cytometry)	01	%	01 - 06
Monocytes (Blood/Impedance Variation & Flow Cytometry)	03	%	01 - 10

  
Dr. Pritika Chaudhari MD(Path),  
Consultant Pathologist  
Reg No. 076732


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Basophils (Blood/Impedance Variation & Flow Cytometry)	00	%	00 - 02
<b>INTERPRETATION:</b> Tests done on Automated Three Part cell counter. All abnormal results are reviewed and confirmed microscopically.			
Absolute Neutrophil count (Blood/Impedance Variation & Flow Cytometry)	<b>8.66</b>	10 <sup>3</sup> / $\mu$ l	1.5 - 6.6
Absolute Lymphocyte Count (Blood/Impedance Variation & Flow Cytometry)	2.57	10 <sup>3</sup> / $\mu$ l	1.5 - 3.5
Absolute Eosinophil Count (AEC) (Blood/Impedance Variation & Flow Cytometry)	0.12	10 <sup>3</sup> / $\mu$ l	0.04 - 0.44
Absolute Monocyte Count (Blood/Impedance Variation & Flow Cytometry)	0.35	10 <sup>3</sup> / $\mu$ l	< 1.0
Absolute Basophil count (Blood/Impedance Variation & Flow Cytometry)	0.00	10 <sup>3</sup> / $\mu$ l	< 0.2
Platelet Count (Blood/Impedance Variation)	2.24	lakh/cu.mm	1.4 - 4.5
MPV (Blood/Derived from Impedance)	9.5	fL	7.9 - 13.7
PCT (Automated Blood cell Counter)	0.21	%	0.18 - 0.28
ESR (Erythrocyte Sedimentation Rate) (Blood/Automated ESR analyser)	<b>25</b>	mm/hr	< 15

  
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## **BIOCHEMISTRY**

### **Glycosylated Haemoglobin (HbA1c)**

HbA1C (Whole Blood/Ion exchange HPLC)	8.1	%	Normal: 4.5 - 5.6 Prediabetes: 5.7 - 6.4 Diabetic: >= 6.5
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**INTERPRETATION:** If Diabetes - Good control : 6.1 - 7.0 % , Fair control : 7.1 - 8.0 % , Poor control >= 8.1 %

**Remark:** \*Outsourced To Metropolis.


Mean Blood Glucose (Whole Blood)	186	mg/dL
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#### **INTERPRETATION: Comments**

HbA1c provides an index of Average Blood Glucose levels over the past 8 - 12 weeks and is a much better indicator of long term glycemic control as compared to blood and urinary glucose determinations.

Conditions that prolong RBC life span like Iron deficiency anemia, Vitamin B12 & Folate deficiency, hypertriglyceridemia, hyperbilirubinemia, Drugs, Alcohol, Lead Poisoning, Asplenia can give falsely elevated HbA1C values.

Conditions that shorten RBC survival like acute or chronic blood loss, hemolytic anemia, Hemoglobinopathies, Splenomegaly, Vitamin E ingestion, Pregnancy, End stage Renal disease can cause falsely low HbA1c.



**DR. ABHISHEK LAUL**  
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Fellow Neuropathology  
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Reg No: 2011/04/0990

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## CLINICAL PATHOLOGY

### Urine Analysis - Routine

#### Physical Examination

Colour (Urine)	Pale Yellow		Yellow to Amber
Appearance (Urine)	Clear		


#### Chemical Examination

Protein (Urine)	Negative		Negative
Glucose (Urine)	<b>Positive(++)</b>		Negative

#### Microscopic Examination

Pus Cells (Urine)	1-2	/hpf	NIL
Epithelial Cells (Urine)	0-1	/hpf	Nil
RBCs (Urine)	Nil	/hpf	Nil
Others (Urine)	Nil		Nil

**INTERPRETATION:**Note: Done with Automated Urine Analyser & microscopy

  
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**HAEMATOLOGY**

BLOOD GROUPING AND Rh TYPING  
(Blood/Agglutination)

'B' Positive'

  
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-- End of Report --