



Labsmart Software

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Age / Sex : 27 YRS / M
Referred by : Self
Reg. no. : 1001



1001

Registered on : 17/10/2024 04:55 PM
Collected on : 17/10/2024
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HAEMATOLOGY

COMPLETE BLOOD COUNT (CBC)

TEST	VALUE	UNIT	REFERENCE
HEMOGLOBIN	15	g/dl	13 - 17
TOTAL LEUKOCYTE COUNT	5,100	cumm	4,800 - 10,800
DIFFERENTIAL LEUCOCYTE COUNT			
NEUTROPHILS	79	%	40 - 80
LYMPHOCYTE	L 18	%	20 - 40
EOSINOPHILS	1	%	1 - 6
MONOCYTES	L 1	%	2 - 10
BASOPHILS	1	%	< 2
PLATELET COUNT	3.5	lakhs/cumm	1.5 - 4.1
TOTAL RBC COUNT	5	million/cumm	4.5 - 5.5
HEMATOCRIT VALUE, HCT	42	%	40 - 50
MEAN CORPUSCULAR VOLUME, MCV	84.0	fL	83 - 101
MEAN CELL HAEMOGLOBIN, MCH	30.0	Pg	27 - 32
MEAN CELL HAEMOGLOBIN CON, MCHC	H 35.7	%	31.5 - 34.5

Clinical Notes:

A complete blood count (CBC) is used to evaluate overall health and detect a wide range of disorders, including anemia, infection, and leukemia. There have been some reports of WBC and platelet counts being lower in venous blood than in capillary blood samples, although still within these reference ranges.

Possible causes of abnormal parameters:

	High	Low
RBC, Hb, or HCT	Dehydration, polycythemia, shock, chronic hypoxia	Anemia, thalassemia, and other hemoglobinopathies
MCV	Macrocytic anemia, liver disease	Microcytic anemia
WBC	Acute stress, infection, malignancies	Sepsis, marrow hypoplasia
Platelets	Risk of thrombosis	Risk of bleeding

Sachin

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