

Dr. Vinay Chopra
MD (Pathology & Microbiology)
Chairman & Consultant Pathologist

Dr. Yugam Chopra
MD (Pathology)
CEO & Consultant Pathologist

NAME	: Miss. AASHIMA	PATIENT ID	: 1552933
AGE/ GENDER	: 24 YRS/FEMALE	REG. NO./LAB NO.	: 012407180036
COLLECTED BY	:	REGISTRATION DATE	: 18/Jul/2024 12:39 PM
REFERRED BY	: LOOMBA HOSPITAL (AMBALA CANTT)	COLLECTION DATE	: 18/Jul/2024 12:42PM
BARCODE NO.	: 01513376	REPORTING DATE	: 18/Jul/2024 01:08PM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		

Test Name	Value	Unit	Biological Reference interval
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HAEMATOLOGY

HAEMOGLOBIN (HB)

HAEMOGLOBIN (HB) by CALORIMETRIC	11.5 ^L	gm/dL	12.0 - 16.0
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INTERPRETATION:-

Hemoglobin is the protein molecule in red blood cells that carries oxygen from the lungs to the body's tissues and returns carbon dioxide from the tissues back to the lungs.

A low hemoglobin level is referred to as ANEMIA or low red blood count.

ANEMIA (DECREASED HAEMOGLOBIN):

- 1) Loss of blood (traumatic injury, surgery, bleeding, colon cancer or stomach ulcer)
- 2) Nutritional deficiency (iron, vitamin B12, folate)
- 3) Bone marrow problems (replacement of bone marrow by cancer)
- 4) Suppression by red blood cell synthesis by chemotherapy drugs
- 5) Kidney failure
- 6) Abnormal hemoglobin structure (sickle cell anemia or thalassemia).

POLYCYTHEMIA (INCREASED HAEMOGLOBIN):

- 1) People in higher altitudes (Physiological)
- 2) Smoking (Secondary Polycythemia)
- 3) Dehydration produces a falsely rise in hemoglobin due to increased haemoconcentration
- 4) Advanced lung disease (for example, emphysema)
- 5) Certain tumors
- 6) A disorder of the bone marrow known as polycythemia rubra vera,
- 7) Abuse of the drug erythropoetin (Epogen) by athletes for blood doping purposes (increasing the amount of oxygen available to the body by chemically raising the production of red blood cells).

NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD




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Test Name	Value	Unit	Biological Reference interval
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BLEEDING TIME (BT)

BLEEDING TIME (BT) by DUKE METHOD	2 MIN.15 SEC.	MINS	1 - 5
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Test Name	Value	Unit	Biological Reference interval
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CLOTTING TIME (CT)

CLOTTING TIME (CT) by CAPILLARY TUBE METHOD	5 MIN. 25 SEC.	MINS	4 - 9
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*** End Of Report ***

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