

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

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

<b>NAME</b>	: Mrs. NIDHI	<b>PATIENT ID</b>	: 1800828
<b>AGE/ GENDER</b>	: 24 YRS/FEMALE	<b>REG. NO./LAB NO.</b>	: <b>012503210044</b>
<b>COLLECTED BY</b>	:	<b>REGISTRATION DATE</b>	: 21/Mar/2025 03:27 PM
<b>REFERRED BY</b>	: LOOMBA HOSPITAL (AMBALA CANTT)	<b>COLLECTION DATE</b>	: 21/Mar/2025 03:40PM
<b>BARCODE NO.</b>	: 01527509	<b>REPORTING DATE</b>	: 21/Mar/2025 03:59PM
<b>CLIENT CODE.</b>	: KOS DIAGNOSTIC LAB		
<b>CLIENT ADDRESS</b>	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		

Test Name	Value	Unit	Biological Reference interval
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**HAEMATOLOGY**  
**HAEMOGLOBIN (HB)**

HAEMOGLOBIN (HB) <i>by CALORIMETRIC</i>	<b>11.8<sup>L</sup></b>	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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**BLOOD GROUP (ABO) AND RH FACTOR TYPING**

ABO GROUP <i>by SLIDE AGGLUTINATION</i>	AB
RH FACTOR TYPE <i>by SLIDE AGGLUTINATION</i>	POSITIVE

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<b>BARCODE NO.</b>	: 01527509	<b>REPORTING DATE</b>	: 21/Mar/2025 04:51PM
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Test Name	Value	Unit	Biological Reference interval
<b>BLEEDING TIME (BT)</b>			
BLEEDING TIME (BT) <i>by DUKE METHOD</i>	1 MIN 20 SEC	MINS	1 - 5



  
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**CLOTTING TIME (CT)**

CLOTTING TIME (CT) <i>by CAPILLARY TUBE METHOD</i>	5 MIN 45 SEC	MINS	4 - 9
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\*\*\* End Of Report \*\*\*

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