

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

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

NAME	: Mr. R.K SHARMA	PATIENT ID	: 1670561
AGE/ GENDER	: 76 YRS/MALE	REG. NO./LAB NO.	: 012502050050
COLLECTED BY	:	REGISTRATION DATE	: 05/Feb/2025 02:04 PM
REFERRED BY	: C.K.MITTAL HOSPITAL (AMBALA CANTT)	COLLECTION DATE	: 05/Feb/2025 02:10PM
BARCODE NO.	: 01525017	REPORTING DATE	: 05/Feb/2025 02:38PM
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	12.6	gm/dL	12.0 - 17.0
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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
TOTAL LEUCOCYTE COUNT (TLC)			
TOTAL LEUCOCYTE COUNT (TLC) <i>by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY</i>	5220	/cmm	4000 - 11000
NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD			

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Test Name	Value	Unit	Biological Reference interval
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DIFFERENTIAL LEUCOCYTE COUNT (DLC)


NEUTROPHILS	73^H	%	50 - 70
<i>by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY</i>			
LYMPHOCYTES	16^L	%	20 - 40
<i>by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY</i>			
EOSINOPHILS	1	%	1 - 6
<i>by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY</i>			
MONOCYTES	10	%	2 - 12
<i>by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY</i>			
BASOPHILS	0	%	0 - 1
<i>by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY</i>			

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*** End Of Report ***




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