

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

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

<b>NAME</b>	: Mr. DEEPAK	<b>PATIENT ID</b>	: 1787467
<b>AGE/ GENDER</b>	: 28 YRS/MALE	<b>REG. NO./LAB NO.</b>	: 012503110057
<b>COLLECTED BY</b>	:	<b>REGISTRATION DATE</b>	: 11/Mar/2025 02:25 PM
<b>REFERRED BY</b>	:	<b>COLLECTION DATE</b>	: 11/Mar/2025 02:26PM
<b>BARCODE NO.</b>	: 01526953	<b>REPORTING DATE</b>	: 11/Mar/2025 03:43PM
<b>CLIENT CODE.</b>	: KOS DIAGNOSTIC LAB		
<b>CLIENT ADDRESS</b>	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		

Test Name	Value	Unit	Biological Reference interval
-----------	-------	------	-------------------------------

## HAEMATOLOGY

### HAEMOGLOBIN (HB)

HAEMOGLOBIN (HB) by CALORIMETRIC	<b>8.5<sup>L</sup></b>	gm/dL	12.0 - 17.0
-------------------------------------	------------------------	-------	-------------

#### 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 erythropoietin (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**



  
 DR. VINAY CHOPRA

CONSULTANT PATHOLOGIST  
 MBBS, MD (PATHOLOGY & MICROBIOLOGY)

  
 DR. YUGAM CHOPRA

CONSULTANT PATHOLOGIST  
 MBBS, MD (PATHOLOGY)



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

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

<b>NAME</b>	: Mr. DEEPAK	<b>PATIENT ID</b>	: 1787467
<b>AGE/ GENDER</b>	: 28 YRS/MALE	<b>REG. NO./LAB NO.</b>	: 012503110057
<b>COLLECTED BY</b>	:	<b>REGISTRATION DATE</b>	: 11/Mar/2025 02:25 PM
<b>REFERRED BY</b>	:	<b>COLLECTION DATE</b>	: 11/Mar/2025 02:26PM
<b>BARCODE NO.</b>	: 01526953	<b>REPORTING DATE</b>	: 11/Mar/2025 05:21PM
<b>CLIENT CODE.</b>	: KOS DIAGNOSTIC LAB		
<b>CLIENT ADDRESS</b>	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		

Test Name	Value	Unit	Biological Reference interval
-----------	-------	------	-------------------------------


### CLINICAL CHEMISTRY/BIOCHEMISTRY

#### UREA

UREA: SERUM	<b>104.14<sup>H</sup></b>	mg/dL	10.00 - 50.00
by UREASE - GLUTAMATE DEHYDROGENASE (GLDH)			



  
**DR.VINAY CHOPRA**  
 CONSULTANT PATHOLOGIST  
 MBBS, MD (PATHOLOGY & MICROBIOLOGY)

  
**DR.YUGAM CHOPRA**  
 CONSULTANT PATHOLOGIST  
 MBBS, MD (PATHOLOGY)



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

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

<b>NAME</b>	: Mr. DEEPAK	<b>PATIENT ID</b>	: 1787467
<b>AGE/ GENDER</b>	: 28 YRS/MALE	<b>REG. NO./LAB NO.</b>	: 012503110057
<b>COLLECTED BY</b>	:	<b>REGISTRATION DATE</b>	: 11/Mar/2025 02:25 PM
<b>REFERRED BY</b>	:	<b>COLLECTION DATE</b>	: 11/Mar/2025 02:26PM
<b>BARCODE NO.</b>	: 01526953	<b>REPORTING DATE</b>	: 11/Mar/2025 05:21PM
<b>CLIENT CODE.</b>	: KOS DIAGNOSTIC LAB		
<b>CLIENT ADDRESS</b>	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		

Test Name	Value	Unit	Biological Reference interval
-----------	-------	------	-------------------------------

**CREATININE**

CREATININE: SERUM by ENZYMATIC, SPECTROPHOTOMETRY	<b>9.66<sup>H</sup></b>	mg/dL	0.40 - 1.40
--	-------------------------	-------	-------------

\*\*\* End Of Report \*\*\*



  
 DR.VINAY CHOPRA  
 CONSULTANT PATHOLOGIST  
 MBBS, MD (PATHOLOGY & MICROBIOLOGY)

  
 DR.YUGAM CHOPRA  
 CONSULTANT PATHOLOGIST  
 MBBS, MD (PATHOLOGY)

