

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

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

NAME : Mr. ROHAN
AGE/ GENDER : 15 YRS/MALE
COLLECTED BY :
REFERRED BY : LOOMBA HOSPITAL (AMBALA CANTT)
BARCODE NO. : 01513380
CLIENT CODE. : KOS DIAGNOSTIC LAB
CLIENT ADDRESS : 6349/1, NICHOLSON ROAD, AMBALA CANTT

PATIENT ID : 1552978
REG. NO./LAB NO. : 012407180040
REGISTRATION DATE : 18/Jul/2024 01:12 PM
COLLECTION DATE : 18/Jul/2024 01:28PM
REPORTING DATE : 18/Jul/2024 01:47PM

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

HAEMATOLOGY

HAEMOGLOBIN (HB)

| | | | |
|------------------|------|-------|-------------|
| HAEMOGLOBIN (HB) | 12.9 | gm/dL | 12.0 - 17.0 |
|------------------|------|-------|-------------|

by CALORIMETRIC

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

| | | | |
|-----------------------|--|--------------------------|------------------------|
| NAME | : Mr. ROHAN | PATIENT ID | : 1552978 |
| AGE/ GENDER | : 15 YRS/MALE | REG. NO./LAB NO. | : 012407180040 |
| COLLECTED BY | : | REGISTRATION DATE | : 18/Jul/2024 01:12 PM |
| REFERRED BY | : LOOMBA HOSPITAL (AMBALA CANTT) | COLLECTION DATE | : 18/Jul/2024 01:28PM |
| BARCODE NO. | : 01513380 | REPORTING DATE | : 18/Jul/2024 02:26PM |
| CLIENT CODE. | : KOS DIAGNOSTIC LAB | | |
| CLIENT ADDRESS | : 6349/1, NICHOLSON ROAD, AMBALA CANTT | | |

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

BLEEDING TIME (BT)

| | | | |
|--------------------------------------|--------------|------|-------|
| BLEEDING TIME (BT) by DUKE METHOD | 2 MIN 30 SEC | MINS | 1 - 5 |
|--------------------------------------|--------------|------|-------|




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

| | | | |
|-----------------------|--|--------------------------|------------------------|
| NAME | : Mr. ROHAN | PATIENT ID | : 1552978 |
| AGE/ GENDER | : 15 YRS/MALE | REG. NO./LAB NO. | : 012407180040 |
| COLLECTED BY | : | REGISTRATION DATE | : 18/Jul/2024 01:12 PM |
| REFERRED BY | : LOOMBA HOSPITAL (AMBALA CANTT) | COLLECTION DATE | : 18/Jul/2024 01:28PM |
| BARCODE NO. | : 01513380 | REPORTING DATE | : 18/Jul/2024 02:26PM |
| CLIENT CODE. | : KOS DIAGNOSTIC LAB | | |
| CLIENT ADDRESS | : 6349/1, NICHOLSON ROAD, AMBALA CANTT | | |


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

CLOTTING TIME (CT)

| | | | |
|--------------------------|--------------|------|-------|
| CLOTTING TIME (CT) | 5 MIN 40 SEC | MINS | 4 - 9 |
| by CAPILLARY TUBE METHOD | | | |

*** End Of Report ***




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


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

