

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

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

| | | | |
|-----------------------|--|--------------------------|------------------------|
| NAME | : Mr. RYTHEM SURI | PATIENT ID | : 1821324 |
| AGE/ GENDER | : 35 YRS/MALE | REG. NO./LAB NO. | : 012504070067 |
| COLLECTED BY | : | REGISTRATION DATE | : 07/Apr/2025 04:21 PM |
| REFERRED BY | : | COLLECTION DATE | : 07/Apr/2025 04:24PM |
| BARCODE NO. | : 01528544 | REPORTING DATE | : 07/Apr/2025 04:34PM |
| CLIENT CODE. | : KOS DIAGNOSTIC LAB | | |
| CLIENT ADDRESS | : 6349/1, NICHOLSON ROAD, AMBALA CANTT | | |

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

HAEMATOLOGY

COMPLETE BLOOD COUNT (CBC)

RED BLOOD CELLS (RBCS) COUNT AND INDICES

| | | | |
|---|-------------------|--------------|--|
| HAEMOGLOBIN (HB) <i>by CALORIMETRIC</i> | 14 | gm/dL | 12.0 - 17.0 |
| RED BLOOD CELL (RBC) COUNT <i>by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE</i> | 4.47 | Millions/cmm | 3.50 - 5.00 |
| PACKED CELL VOLUME (PCV) <i>by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER</i> | 43.9 | % | 40.0 - 54.0 |
| MEAN CORPUSCULAR VOLUME (MCV) <i>by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER</i> | 98.3 | fL | 80.0 - 100.0 |
| MEAN CORPUSCULAR HAEMOGLOBIN (MCH) <i>by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER</i> | 31.3 | pg | 27.0 - 34.0 |
| MEAN CORPUSCULAR HEMOGLOBIN CONC. (MCHC) <i>by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER</i> | 31.8 ^L | g/dL | 32.0 - 36.0 |
| RED CELL DISTRIBUTION WIDTH (RDW-CV) <i>by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER</i> | 14.2 | % | 11.00 - 16.00 |
| RED CELL DISTRIBUTION WIDTH (RDW-SD) <i>by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER</i> | 52.3 | fL | 35.0 - 56.0 |
| MENTZERS INDEX <i>by CALCULATED</i> | 21.99 | RATIO | BETA THALASSEMIA TRAIT: < 13.0 IRON DEFICIENCY ANEMIA: >13.0 |
| GREEN & KING INDEX <i>by CALCULATED</i> | 98.01 | RATIO | BETA THALASSEMIA TRAIT: <= 74.1 IRON DEFICIENCY ANEMIA: >= 74.1 |

WHITE BLOOD CELLS (WBCS)

| | | | |
|---|------|------|--------------|
| TOTAL LEUCOCYTE COUNT (TLC) <i>by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY</i> | 8370 | /cmm | 4000 - 11000 |
| NUCLEATED RED BLOOD CELLS (nRBCS) <i>by AUTOMATED 6 PART HEMATOLOGY ANALYZER</i> | NIL | | 0.00 - 20.00 |
| NUCLEATED RED BLOOD CELLS (nRBCS) % | NIL | % | < 10 % |




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| by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER | | | |
| <u>DIFFERENTIAL LEUCOCYTE COUNT (DLC)</u> | | | |
| NEUTROPHILS | 90 ^H | % | 50 - 70 |
| by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY | | | |
| LYMPHOCYTES | 6 ^L | % | 20 - 40 |
| by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY | | | |
| EOSINOPHILS | 1 | % | 1 - 6 |
| by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY | | | |
| MONOCYTES | 3 | % | 2 - 12 |
| by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY | | | |
| BASOPHILS | 0 | % | 0 - 1 |
| by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY | | | |
| <u>ABSOLUTE LEUKOCYTES (WBC) COUNT</u> | | | |
| ABSOLUTE NEUTROPHIL COUNT | 7533 ^H | /cmm | 2000 - 7500 |
| by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY | | | |
| ABSOLUTE LYMPHOCYTE COUNT | 502 ^L | /cmm | 800 - 4900 |
| by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY | | | |
| ABSOLUTE EOSINOPHIL COUNT | 84 | /cmm | 40 - 440 |
| by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY | | | |
| ABSOLUTE MONOCYTE COUNT | 251 | /cmm | 80 - 880 |
| by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY | | | |
| ABSOLUTE BASOPHIL COUNT | 0 | /cmm | 0 - 110 |
| by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY | | | |
| <u>PLATELETS AND OTHER PLATELET PREDICTIVE MARKERS.</u> | | | |
| PLATELET COUNT (PLT) | 145000 ^L | /cmm | 150000 - 450000 |
| by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE | | | |
| PLATELETCRIT (PCT) | 0.15 | % | 0.10 - 0.36 |
| by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE | | | |
| MEAN PLATELET VOLUME (MPV) | 10 | fL | 6.50 - 12.0 |
| by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE | | | |
| PLATELET LARGE CELL COUNT (P-LCC) | 40000 | /cmm | 30000 - 90000 |
| by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE | | | |
| PLATELET LARGE CELL RATIO (P-LCR) | 27.7 | % | 11.0 - 45.0 |
| by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE | | | |
| PLATELET DISTRIBUTION WIDTH (PDW) | 16.6 | % | 15.0 - 17.0 |




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by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE
 NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD




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CLINICAL CHEMISTRY/BIOCHEMISTRY

CREATININE

| | | | |
|---------------------------------|-------------------|-------|-------------|
| CREATININE: SERUM | 1.83 ^H | mg/dL | 0.40 - 1.40 |
| by ENZYMATIC, SPECTROPHOTOMETRY | | | |

*** End Of Report ***




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