

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

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

|                       |  |                          |                        |
|-----------------------|--|--------------------------|------------------------|
| <b>NAME</b>           | : Mr. SANDEEP MOHAN                    | <b>PATIENT ID</b>        | : 1651807              |
| <b>AGE/ GENDER</b>    | : 49 YRS/MALE                          | <b>REG. NO./LAB NO.</b>  | : 012410270037         |
| <b>COLLECTED BY</b>   | :                                      | <b>REGISTRATION DATE</b> | : 27/Oct/2024 11:14 AM |
| <b>REFERRED BY</b>    | : Dr. D.S.GOEL (AMBALA CANTT)          | <b>COLLECTION DATE</b>   | : 27/Oct/2024 11:16AM  |
| <b>BARCODE NO.</b>    | : 01519649                             | <b>REPORTING DATE</b>    | : 27/Oct/2024 11:38AM  |
| <b>CLIENT CODE.</b>   | : KOS DIAGNOSTIC LAB                   |                          |                        |
| <b>CLIENT ADDRESS</b> | : 6349/1, NICHOLSON ROAD, AMBALA CANTT |                          |                        |

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

## HAEMATOTOLOGY

### COMPLETE BLOOD COUNT (CBC)

#### RED BLOOD CELLS (RBCS) COUNT AND INDICES

|   |                   |              |  |
|---|-------------------|--------------|--|
| HAEMOGLOBIN (HB)<br><i>by CALORIMETRIC</i>  | 15.8              | gm/dL        | 12.0 - 17.0  |
| RED BLOOD CELL (RBC) COUNT<br><i>by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE</i>              | 6.15 <sup>H</sup> | Millions/cmm | 3.50 - 5.00  |
| PACKED CELL VOLUME (PCV)<br><i>by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER</i>                 | 50.1              | %            | 40.0 - 54.0  |
| MEAN CORPUSCULAR VOLUME (MCV)<br><i>by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER</i>            | 81.6              | fL           | 80.0 - 100.0   |
| MEAN CORPUSCULAR HAEMOGLOBIN (MCH)<br><i>by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER</i>       | 25.8 <sup>L</sup> | pg           | 27.0 - 34.0  |
| MEAN CORPUSCULAR HEMOGLOBIN CONC. (MCHC)<br><i>by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER</i> | 31.6 <sup>L</sup> | g/dL         | 32.0 - 36.0  |
| RED CELL DISTRIBUTION WIDTH (RDW-CV)<br><i>by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER</i>     | 15.5              | %            | 11.00 - 16.00  |
| RED CELL DISTRIBUTION WIDTH (RDW-SD)<br><i>by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER</i>     | 47.4              | fL           | 35.0 - 56.0  |
| MENTZERS INDEX<br><i>by CALCULATED</i>  | 13.27             | RATIO        | BETA THALASSEMIA TRAIT: < 13.0<br>IRON DEFICIENCY ANEMIA: >13.0  |
| GREEN & KING INDEX<br><i>by CALCULATED</i>  | 20.65             | RATIO        | BETA THALASSEMIA TRAIT:<= 65.0<br>IRON DEFICIENCY ANEMIA: > 65.0 |

#### WHITE BLOOD CELLS (WBCS)

|  |                   |      |              |
|--|-------------------|------|--------------|
| TOTAL LEUCOCYTE COUNT (TLC)<br><i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i>          | 2560 <sup>L</sup> | /cmm | 4000 - 11000 |
| NUCLEATED RED BLOOD CELLS (nRBCS)<br><i>by AUTOMATED 6 PART HEMATOLOGY ANALYZER</i>          | NIL               |      | 0.00 - 20.00 |
| NUCLEATED RED BLOOD CELLS (nRBCS) %<br><i>by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER</i> | NIL               | %    | < 10 %       |



  
 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. SANDEEP MOHAN                    | <b>PATIENT ID</b>        | : 1651807              |
| <b>AGE/ GENDER</b>    | : 49 YRS/MALE                          | <b>REG. NO./LAB NO.</b>  | : 012410270037         |
| <b>COLLECTED BY</b>   | :                                      | <b>REGISTRATION DATE</b> | : 27/Oct/2024 11:14 AM |
| <b>REFERRED BY</b>    | : Dr. D.S.GOEL (AMBALA CANTT)          | <b>COLLECTION DATE</b>   | : 27/Oct/2024 11:16AM  |
| <b>BARCODE NO.</b>    | : 01519649                             | <b>REPORTING DATE</b>    | : 27/Oct/2024 11:38AM  |
| <b>CLIENT CODE.</b>   | : KOS DIAGNOSTIC LAB                   |                          |                        |
| <b>CLIENT ADDRESS</b> | : 6349/1, NICHOLSON ROAD, AMBALA CANTT |                          |                        |

| Test Name   | Value               | Unit | Biological Reference interval |
|---|---------------------|------|-------------------------------|
| <b><u>DIFFERENTIAL LEUCOCYTE COUNT (DLC)</u></b>  |                     |      |                               |
| NEUTROPHILS<br><i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i>                         | 40 <sup>L</sup>     | %    | 50 - 70                       |
| LYMPHOCYTES<br><i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i>                         | 50 <sup>H</sup>     | %    | 20 - 40                       |
| EOSINOPHILS<br><i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i>                         | 1                   | %    | 1 - 6                         |
| MONOCYTES<br><i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i>                           | 9                   | %    | 2 - 12                        |
| BASOPHILS<br><i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i>                           | 0                   | %    | 0 - 1                         |
| <b><u>ABSOLUTE LEUKOCYTES (WBC) COUNT</u></b>   |                     |      |                               |
| ABSOLUTE NEUTROPHIL COUNT<br><i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i>           | 1024 <sup>L</sup>   | /cmm | 2000 - 7500                   |
| ABSOLUTE LYMPHOCYTE COUNT<br><i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i>           | 1280                | /cmm | 800 - 4900                    |
| ABSOLUTE EOSINOPHIL COUNT<br><i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i>           | 26 <sup>L</sup>     | /cmm | 40 - 440                      |
| ABSOLUTE MONOCYTE COUNT<br><i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i>             | 230                 | /cmm | 80 - 880                      |
| ABSOLUTE BASOPHIL COUNT<br><i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i>             | 0                   | /cmm | 0 - 110                       |
| <b><u>PLATELETS AND OTHER PLATELET PREDICTIVE MARKERS.</u></b>                              |                     |      |                               |
| PLATELET COUNT (PLT)<br><i>by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE</i>              | 138000 <sup>L</sup> | /cmm | 150000 - 450000               |
| PLATELETCRIT (PCT)<br><i>by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE</i>                | 0.14                | %    | 0.10 - 0.36                   |
| MEAN PLATELET VOLUME (MPV)<br><i>by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE</i>        | 10                  | fL   | 6.50 - 12.0                   |
| PLATELET LARGE CELL COUNT (P-LCC)<br><i>by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE</i> | 37000               | /cmm | 30000 - 90000                 |
| PLATELET LARGE CELL RATIO (P-LCR)<br><i>by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE</i> | 27.2                | %    | 11.0 - 45.0                   |
| PLATELET DISTRIBUTION WIDTH (PDW)<br><i>by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE</i> | 16.4                | %    | 15.0 - 17.0                   |

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. SANDEEP MOHAN                    | <b>PATIENT ID</b>        | : 1651807              |
| <b>AGE/ GENDER</b>    | : 49 YRS/MALE                          | <b>REG. NO./LAB NO.</b>  | : 012410270037         |
| <b>COLLECTED BY</b>   | :                                      | <b>REGISTRATION DATE</b> | : 27/Oct/2024 11:14 AM |
| <b>REFERRED BY</b>    | : Dr. D.S.GOEL (AMBALA CANTT)          | <b>COLLECTION DATE</b>   | : 27/Oct/2024 11:16 AM |
| <b>BARCODE NO.</b>    | : 01519649                             | <b>REPORTING DATE</b>    | : 27/Oct/2024 11:38 AM |
| <b>CLIENT CODE.</b>   | : KOS DIAGNOSTIC LAB                   |                          |                        |
| <b>CLIENT ADDRESS</b> | : 6349/1, NICHOLSON ROAD, AMBALA CANTT |                          |                        |

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

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



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

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

