

Dr. Vinay Chopra  
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Chairman & Consultant Pathologist

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

NAME : Mr. MUKESH KUMAR  
AGE/ GENDER : 48 YRS/MALE  
COLLECTED BY :  
REFERRED BY :  
BARCODE NO. : 01521163  
CLIENT CODE. : KOS DIAGNOSTIC LAB  
CLIENT ADDRESS : 6349/1, NICHOLSON ROAD, AMBALA CANTT

PATIENT ID : 1677354  
REG. NO./LAB NO. : 012411200051  
REGISTRATION DATE : 20/Nov/2024 03:58 PM  
COLLECTION DATE : 20/Nov/2024 03:59PM  
REPORTING DATE : 20/Nov/2024 04:41PM

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

## HAEMATOLOGY COMPLETE BLOOD COUNT (CBC)

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

|   |                   |              |  |
|---|-------------------|--------------|--|
| HAEMOGLOBIN (HB)<br><i>by CALORIMETRIC</i>  | 12.6              | gm/dL        | 12.0 - 17.0  |
| RED BLOOD CELL (RBC) COUNT<br><i>by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE</i>              | 4.89              | Millions/cmm | 3.50 - 5.00  |
| PACKED CELL VOLUME (PCV)<br><i>by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER</i>                 | 40.9              | %            | 40.0 - 54.0  |
| MEAN CORPUSCULAR VOLUME (MCV)<br><i>by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER</i>            | 83.5              | fL           | 80.0 - 100.0   |
| MEAN CORPUSCULAR HAEMOGLOBIN (MCH)<br><i>by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER</i>       | 25.7 <sup>L</sup> | pg           | 27.0 - 34.0  |
| MEAN CORPUSCULAR HEMOGLOBIN CONC. (MCHC)<br><i>by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER</i> | 30.7 <sup>L</sup> | g/dL         | 32.0 - 36.0  |
| RED CELL DISTRIBUTION WIDTH (RDW-CV)<br><i>by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER</i>     | 14.3              | %            | 11.00 - 16.00  |
| RED CELL DISTRIBUTION WIDTH (RDW-SD)<br><i>by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER</i>     | 44.7              | fL           | 35.0 - 56.0  |
| MENTZERS INDEX<br><i>by CALCULATED</i>  | 17.08             | RATIO        | BETA THALASSEMIA TRAIT: < 13.0<br>IRON DEFICIENCY ANEMIA: >13.0  |
| GREEN & KING INDEX<br><i>by CALCULATED</i>  | 24.35             | 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>          | 3280 <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 %       |



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| <b><u>DIFFERENTIAL LEUCOCYTE COUNT (DLC)</u></b>  |                                    |      |                               |
| NEUTROPHILS<br><i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i>                         | 64                                 | %    | 50 - 70                       |
| LYMPHOCYTES<br><i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i>                         | 27                                 | %    | 20 - 40                       |
| EOSINOPHILS<br><i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i>                         | 2                                  | %    | 1 - 6                         |
| MONOCYTES<br><i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i>                           | 7                                  | %    | 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>           | 2099                               | /cmm | 2000 - 7500                   |
| ABSOLUTE LYMPHOCYTE COUNT<br><i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i>           | 886                                | /cmm | 800 - 4900                    |
| ABSOLUTE EOSINOPHIL COUNT<br><i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i>           | 66                                 | /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>              | 103000 <sup>L</sup>                | /cmm | 150000 - 450000               |
| PLATELETCRIT (PCT)<br><i>by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE</i>                | 0.15                               | %    | 0.10 - 0.36                   |
| MEAN PLATELET VOLUME (MPV)<br><i>by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE</i>        | 16 <sup>H</sup>                    | fL   | 6.50 - 12.0                   |
| PLATELET LARGE CELL COUNT (P-LCC)<br><i>by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE</i> | 66000                              | /cmm | 30000 - 90000                 |
| PLATELET LARGE CELL RATIO (P-LCR)<br><i>by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE</i> | 70.3 <sup>H</sup>                  | %    | 11.0 - 45.0                   |
| PLATELET DISTRIBUTION WIDTH (PDW)<br><i>by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE</i> | 16.2                               | %    | 15.0 - 17.0                   |
| <b>ADVICE</b>   | <b>KINDLY CORRELATE CLINICALLY</b> |      |                               |



  
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NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD

RECHECKED.

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



  
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