

Dr. Vinay Chopra  
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Chairman & Consultant Pathologist

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

NAME : Mrs. ANITA AGGARWAL  
AGE/ GENDER : 53 YRS/FEMALE  
COLLECTED BY :  
REFERRED BY :  
BARCODE NO. : 01517898  
CLIENT CODE. : KOS DIAGNOSTIC LAB  
CLIENT ADDRESS : 6349/1, NICHOLSON ROAD, AMBALA CANTT

PATIENT ID : 1628422  
REG. NO./LAB NO. : 012409280054  
REGISTRATION DATE : 28/Sep/2024 03:47 PM  
COLLECTION DATE : 28/Sep/2024 03:48PM  
REPORTING DATE : 28/Sep/2024 04:52PM

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

## HAEMATOLOGY

### COMPLETE BLOOD COUNT (CBC)

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

|  |                   |              |   |
|--|-------------------|--------------|---|
| HAEMOGLOBIN (HB)<br>by CALORIMETRIC  | 5.9 <sup>L</sup>  | gm/dL        | 12.0 - 16.0   |
| RED BLOOD CELL (RBC) COUNT<br>by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE              | 2.12 <sup>L</sup> | Millions/cmm | 3.50 - 5.00   |
| PACKED CELL VOLUME (PCV)<br>by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER                 | 18.2 <sup>L</sup> | %            | 37.0 - 50.0   |
| MEAN CORPUSCULAR VOLUME (MCV)<br>by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER            | 85.6              | fL           | 80.0 - 100.0  |
| MEAN CORPUSCULAR HAEMOGLOBIN (MCH)<br>by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER       | 27.9              | pg           | 27.0 - 34.0   |
| MEAN CORPUSCULAR HEMOGLOBIN CONC. (MCHC)<br>by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER | 32.5              | g/dL         | 32.0 - 36.0   |
| RED CELL DISTRIBUTION WIDTH (RDW-CV)<br>by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER     | 14.7              | %            | 11.00 - 16.00   |
| RED CELL DISTRIBUTION WIDTH (RDW-SD)<br>by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER     | 46.6              | fL           | 35.0 - 56.0   |
| MENTZERS INDEX<br>by CALCULATED  | 40.38             | RATIO        | BETA THALASSEMIA TRAIT: < 13.0<br>IRON DEFICIENCY ANEMIA: >13.0   |
| GREEN & KING INDEX<br>by CALCULATED  | 59.5              | RATIO        | BETA THALASSEMIA TRAIT: <= 65.0<br>IRON DEFICIENCY ANEMIA: > 65.0 |

#### WHITE BLOOD CELLS (WBCS)

|   |                   |      |              |
|---|-------------------|------|--------------|
| TOTAL LEUCOCYTE COUNT (TLC)<br>by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY              | 2200 <sup>L</sup> | /cmm | 4000 - 11000 |
| NUCLEATED RED BLOOD CELLS (nRBCS)<br>by AUTOMATED 6 PART HEMATOLOGY ANALYZER          | NIL               |      | 0.00 - 20.00 |
| NUCLEATED RED BLOOD CELLS (nRBCS) %<br>by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER | NIL               | %    | < 10 %       |

#### DIFFERENTIAL LEUCOCYTE COUNT (DLC)

|  |                 |   |         |
|--|-----------------|---|---------|
| NEUTROPHILS<br>by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY | 85 <sup>H</sup> | % | 50 - 70 |
|--|-----------------|---|---------|



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|                       |  |                          |                        |
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|---|--------------------|------|-------------------------------|
| LYMPHOCYTES<br><i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i>                         | 8 <sup>L</sup>     | %    | 20 - 40                       |
| EOSINOPHILS<br><i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i>                         | 0 <sup>L</sup>     | %    | 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>           | 1870 <sup>L</sup>  | /cmm | 2000 - 7500                   |
| ABSOLUTE LYMPHOCYTE COUNT<br><i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i>           | 176 <sup>L</sup>   | /cmm | 800 - 4900                    |
| ABSOLUTE EOSINOPHIL COUNT<br><i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i>           | 0 <sup>L</sup>     | /cmm | 40 - 440                      |
| ABSOLUTE MONOCYTE COUNT<br><i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i>             | 154                | /cmm | 80 - 880                      |
| ABSOLUTE BASOPHIL COUNT<br><i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i>             | 0                  | /cmm | 0 - 110                       |
| ABSOLUTE IMMATURE GRANULOCYTE COUNT<br><i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i> | 22                 | /cmm | 0.0 - 999.0                   |
| <b><u>PLATELETS AND OTHER PLATELET PREDICTIVE MARKERS.</u></b>                              |                    |      |                               |
| PLATELET COUNT (PLT)<br><i>by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE</i>              | 32000 <sup>L</sup> | /cmm | 150000 - 450000               |
| PLATELETCRIT (PCT)<br><i>by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE</i>                | 0.04 <sup>L</sup>  | %    | 0.10 - 0.36                   |
| MEAN PLATELET VOLUME (MPV)<br><i>by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE</i>        | 11                 | fL   | 6.50 - 12.0                   |
| PLATELET LARGE CELL COUNT (P-LCC)<br><i>by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE</i> | 12000 <sup>L</sup> | /cmm | 30000 - 90000                 |
| PLATELET LARGE CELL RATIO (P-LCR)<br><i>by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE</i> | 36.4               | %    | 11.0 - 45.0                   |
| PLATELET DISTRIBUTION WIDTH (PDW)<br><i>by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE</i> | 19 <sup>H</sup>    | %    | 15.0 - 17.0                   |

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



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