

Dr. Vinay Chopra  
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Dr. Yugam Chopra  
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NAME : Miss. ARADHYA  
AGE/ GENDER : 11 YRS/FEMALE  
COLLECTED BY : SURJESH  
REFERRED BY :  
BARCODE NO. : 01512421  
CLIENT CODE. : KOS DIAGNOSTIC LAB  
CLIENT ADDRESS : 6349/1, NICHOLSON ROAD, AMBALA CANTT

PATIENT ID : 1536925  
REG. NO./LAB NO. : 012407030014  
REGISTRATION DATE : 03/Jul/2024 09:16 AM  
COLLECTION DATE : 03/Jul/2024 09:53AM  
REPORTING DATE : 03/Jul/2024 10:08AM

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

### COMPLETE BLOOD COUNT (CBC)

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

|  |                   |              |  |
|--|-------------------|--------------|--|
| HAEMOGLOBIN (HB)<br>by CALORIMETRIC  | 12.8              | gm/dL        | 12.0 - 16.0  |
| RED BLOOD CELL (RBC) COUNT<br>by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE              | 4.6               | Millions/cmm | 3.50 - 5.50  |
| PACKED CELL VOLUME (PCV)<br>by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER                 | 40                | %            | 35.0 - 49.0  |
| MEAN CORPUSCULAR VOLUME (MCV)<br>by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER            | 86.8              | fL           | 80.0 - 100.0   |
| MEAN CORPUSCULAR HAEMOGLOBIN (MCH)<br>by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER       | 27.7              | pg           | 27.0 - 34.0  |
| MEAN CORPUSCULAR HEMOGLOBIN CONC. (MCHC)<br>by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER | 31.9 <sup>L</sup> | g/dL         | 32.0 - 36.0  |
| RED CELL DISTRIBUTION WIDTH (RDW-CV)<br>by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER     | 13.9              | %            | 11.00 - 16.00  |
| RED CELL DISTRIBUTION WIDTH (RDW-SD)<br>by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER     | 44.9              | fL           | 35.0 - 56.0  |
| MENTZERS INDEX<br>by CALCULATED  | 18.87             | RATIO        | BETA THALASSEMIA TRAIT: < 13.0<br>IRON DEFICIENCY ANEMIA: >13.0    |
| GREEN & KING INDEX<br>by CALCULATED  | 26.11             | 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                           | 10350 | /cmm | 4000 - 12000 |
| NUCLEATED RED BLOOD CELLS (nRBCS)<br>by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER & MICROSCOPY   | NIL   |      | 0.00 - 20.00 |
| NUCLEATED RED BLOOD CELLS (nRBCS) %<br>by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER & MICROSCOPY | 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>                         | 63                 | %    | 50 - 70                       |
| LYMPHOCYTES<br><i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i>                         | 29                 | %    | 20 - 45                       |
| 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>                           | 7                  | %    | 3 - 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>           | 6521               | /cmm | 2000 - 7500                   |
| ABSOLUTE LYMPHOCYTE COUNT<br><i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i>           | 3002               | /cmm | 800 - 4900                    |
| ABSOLUTE EOSINOPHIL COUNT<br><i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i>           | 104                | /cmm | 40 - 440                      |
| ABSOLUTE MONOCYTE COUNT<br><i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i>             | 724                | /cmm | 80 - 880                      |
| <b><u>PLATELETS AND OTHER PLATELET PREDICTIVE MARKERS.</u></b>                              |                    |      |                               |
| PLATELET COUNT (PLT)<br><i>by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE</i>              | 250000             | /cmm | 150000 - 450000               |
| PLATELETCRIT (PCT)<br><i>by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE</i>                | 0.3                | %    | 0.10 - 0.36                   |
| MEAN PLATELET VOLUME (MPV)<br><i>by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE</i>        | 12                 | fL   | 6.50 - 12.0                   |
| PLATELET LARGE CELL COUNT (P-LCC)<br><i>by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE</i> | 97000 <sup>H</sup> | /cmm | 30000 - 90000                 |
| PLATELET LARGE CELL RATIO (P-LCR)<br><i>by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE</i> | 38.9               | %    | 11.0 - 45.0                   |
| PLATELET DISTRIBUTION WIDTH (PDW)<br><i>by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE</i> | 16.2               | %    | 15.0 - 17.0                   |

NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD



  
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## CLINICAL PATHOLOGY

### URINE ROUTINE & MICROSCOPIC EXAMINATION

#### PHYSICAL EXAMINATION

|  |              |    |               |
|--|--------------|----|---------------|
| QUANTITY RECIEVED                          | 10           | ml |               |
| by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY |              |    |               |
| COLOUR                                     | AMBER YELLOW |    | PALE YELLOW   |
| by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY |              |    |               |
| TRANSPARANCY                               | HAZY         |    | CLEAR         |
| by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY |              |    |               |
| SPECIFIC GRAVITY                           | 1.01         |    | 1.002 - 1.030 |
| by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY |              |    |               |

#### CHEMICAL EXAMINATION

|   |                |       |                |
|---|----------------|-------|----------------|
| REACTION                                    | ACIDIC         |       |                |
| by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY  |                |       |                |
| PROTEIN                                     | Negative       |       | NEGATIVE (-ve) |
| by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY  |                |       |                |
| SUGAR                                       | Negative       |       | NEGATIVE (-ve) |
| by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY  |                |       |                |
| pH  | <=5.0          |       | 5.0 - 7.5      |
| by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY  |                |       |                |
| BILIRUBIN                                   | Negative       |       | NEGATIVE (-ve) |
| by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY  |                |       |                |
| NITRITE                                     | Negative       |       | NEGATIVE (-ve) |
| by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY. |                |       |                |
| UROBILINOGEN                                | Normal         | EU/dL | 0.2 - 1.0      |
| by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY  |                |       |                |
| KETONE BODIES                               | Negative       |       | NEGATIVE (-ve) |
| by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY  |                |       |                |
| BLOOD                                       | 3+             |       | NEGATIVE (-ve) |
| by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY  |                |       |                |
| ASCORBIC ACID                               | NEGATIVE (-ve) |       | NEGATIVE (-ve) |
| by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY  |                |       |                |

#### MICROSCOPIC EXAMINATION



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| RED BLOOD CELLS (RBCs)<br><i>by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT</i>           | 15-20          | /HPF | 0 - 3                         |
| PUS CELLS<br><i>by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT</i>                        | 1-2            | /HPF | 0 - 5                         |
| EPITHELIAL CELLS<br><i>by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT</i>                 | 2-3            | /HPF | ABSENT                        |
| CRYSTALS<br><i>by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT</i>                         | NEGATIVE (-ve) |      | NEGATIVE (-ve)                |
| CASTS<br><i>by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT</i>                            | NEGATIVE (-ve) |      | NEGATIVE (-ve)                |
| BACTERIA<br><i>by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT</i>                         | NEGATIVE (-ve) |      | NEGATIVE (-ve)                |
| OTHERS<br><i>by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT</i>                           | NEGATIVE (-ve) |      | NEGATIVE (-ve)                |
| TRICHOMONAS VAGINALIS (PROTOZOA)<br><i>by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT</i> | ABSENT         |      | ABSENT                        |

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



  
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