

Dr. Vinay Chopra  
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 Chairman & Consultant Pathologist

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

|                       |                                        |                          |                        |
|-----------------------|----------------------------------------|--------------------------|------------------------|
| <b>NAME</b>           | : Master. ANSHU                        | <b>PATIENT ID</b>        | : 1812576              |
| <b>AGE/ GENDER</b>    | : 2 YRS/MALE                           | <b>REG. NO./LAB NO.</b>  | : 012503310063         |
| <b>COLLECTED BY</b>   | :                                      | <b>REGISTRATION DATE</b> | : 31/Mar/2025 01:48 PM |
| <b>REFERRED BY</b>    | : DR. P.S AHUJA                        | <b>COLLECTION DATE</b>   | : 31/Mar/2025 01:50PM  |
| <b>BARCODE NO.</b>    | : 01528096                             | <b>REPORTING DATE</b>    | : 31/Mar/2025 02:23PM  |
| <b>CLIENT CODE.</b>   | : KOS DIAGNOSTIC LAB                   |                          |                        |
| <b>CLIENT ADDRESS</b> | : 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)<br><i>by CALORIMETRIC</i>                                                        | 7.1 <sup>L</sup>  | gm/dL        | 12.0 - 16.0                                                        |
| RED BLOOD CELL (RBC) COUNT<br><i>by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE</i>              | 5.55 <sup>H</sup> | Millions/cmm | 3.50 - 5.50                                                        |
| PACKED CELL VOLUME (PCV)<br><i>by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER</i>                 | 27.6 <sup>L</sup> | %            | 35.0 - 49.0                                                        |
| MEAN CORPUSCULAR VOLUME (MCV)<br><i>by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER</i>            | 49.8 <sup>L</sup> | fL           | 80.0 - 100.0                                                       |
| MEAN CORPUSCULAR HAEMOGLOBIN (MCH)<br><i>by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER</i>       | 12.4 <sup>L</sup> | pg           | 27.0 - 34.0                                                        |
| MEAN CORPUSCULAR HEMOGLOBIN CONC. (MCHC)<br><i>by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER</i> | 24.8 <sup>L</sup> | g/dL         | 32.0 - 36.0                                                        |
| RED CELL DISTRIBUTION WIDTH (RDW-CV)<br><i>by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER</i>     | 23 <sup>H</sup>   | %            | 11.00 - 16.00                                                      |
| RED CELL DISTRIBUTION WIDTH (RDW-SD)<br><i>by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER</i>     | 42.1              | fL           | 35.0 - 56.0                                                        |
| MENTZERS INDEX<br><i>by CALCULATED</i>                                                            | 8.97              | RATIO        | BETA THALASSEMIA TRAIT: < 13.0<br>IRON DEFICIENCY ANEMIA: >13.0    |
| GREEN & KING INDEX<br><i>by CALCULATED</i>                                                        | 80.34             | RATIO        | BETA THALASSEMIA TRAIT: <= 74.1<br>IRON DEFICIENCY ANEMIA: >= 74.1 |

#### WHITE BLOOD CELLS (WBCS)

|                                                                                     |      |      |              |
|-------------------------------------------------------------------------------------|------|------|--------------|
| TOTAL LEUCOCYTE COUNT (TLC)<br><i>by FLOW CYTOMETRY BY SF CUBE &amp; MICROSCOPY</i> | 6840 | /cmm | 5000 - 15000 |
| NUCLEATED RED BLOOD CELLS (nRBCS)<br><i>by AUTOMATED 6 PART HEMATOLOGY ANALYZER</i> | NIL  |      | 0.00 - 20.00 |
| NUCLEATED RED BLOOD CELLS (nRBCS) %                                                 | NIL  | %    | < 10 %       |



  
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| Test Name                                                      | Value               | Unit | Biological Reference interval |
|----------------------------------------------------------------|---------------------|------|-------------------------------|
| by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER                 |                     |      |                               |
| <b><u>DIFFERENTIAL LEUCOCYTE COUNT (DLC)</u></b>               |                     |      |                               |
| NEUTROPHILS                                                    | 28 <sup>L</sup>     | %    | 50 - 70                       |
| by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY                      |                     |      |                               |
| LYMPHOCYTES                                                    | 52 <sup>H</sup>     | %    | 20 - 45                       |
| by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY                      |                     |      |                               |
| EOSINOPHILS                                                    | 14 <sup>H</sup>     | %    | 1 - 6                         |
| by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY                      |                     |      |                               |
| MONOCYTES                                                      | 6                   | %    | 3 - 12                        |
| by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY                      |                     |      |                               |
| BASOPHILS                                                      | 0                   | %    | 0 - 1                         |
| by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY                      |                     |      |                               |
| IMMATURE GRANULOCYTE (IG) %                                    | 0                   | %    | 0 - 5.0                       |
| by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY                      |                     |      |                               |
| <b><u>ABSOLUTE LEUKOCYTES (WBC) COUNT</u></b>                  |                     |      |                               |
| ABSOLUTE NEUTROPHIL COUNT                                      | 1915 <sup>L</sup>   | /cmm | 2000 - 7500                   |
| by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY                      |                     |      |                               |
| ABSOLUTE LYMPHOCYTE COUNT                                      | 3557                | /cmm | 800 - 4900                    |
| by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY                      |                     |      |                               |
| ABSOLUTE EOSINOPHIL COUNT                                      | 958 <sup>H</sup>    | /cmm | 40 - 440                      |
| by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY                      |                     |      |                               |
| ABSOLUTE MONOCYTE COUNT                                        | 410                 | /cmm | 80 - 880                      |
| by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY                      |                     |      |                               |
| ABSOLUTE BASOPHIL COUNT                                        | 0                   | /cmm | 0 - 110                       |
| by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY                      |                     |      |                               |
| ABSOLUTE IMMATURE GRANULOCYTE COUNT                            | 0                   | /cmm | 0.0 - 999.0                   |
| by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY                      |                     |      |                               |
| <b><u>PLATELETS AND OTHER PLATELET PREDICTIVE MARKERS.</u></b> |                     |      |                               |
| PLATELET COUNT (PLT)                                           | 476000 <sup>H</sup> | /cmm | 150000 - 450000               |
| by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE                |                     |      |                               |
| PLATELETCRIT (PCT)                                             | 0.37 <sup>H</sup>   | %    | 0.10 - 0.36                   |
| by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE                |                     |      |                               |
| MEAN PLATELET VOLUME (MPV)                                     | 8                   | fL   | 6.50 - 12.0                   |
| by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE                |                     |      |                               |
| PLATELET LARGE CELL COUNT (P-LCC)                              | 69000               | /cmm | 30000 - 90000                 |



  
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| Test Name                                                                            | Value | Unit | Biological Reference interval |
|--------------------------------------------------------------------------------------|-------|------|-------------------------------|
| by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE<br>PLATELET LARGE CELL RATIO (P-LCR) | 14.4  | %    | 11.0 - 45.0                   |
| by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE<br>PLATELET DISTRIBUTION WIDTH (PDW) | 15.1  | %    | 15.0 - 17.0                   |

**ADVICE**

**KINDLY CORRELATE CLINICALLY**

NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD

RECHECKED



  
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### CLINICAL CHEMISTRY/BIOCHEMISTRY

#### UREA

|                                            |       |       |               |
|--------------------------------------------|-------|-------|---------------|
| UREA: SERUM                                | 19.16 | mg/dL | 10.00 - 50.00 |
| by UREASE - GLUTAMATE DEHYDROGENASE (GLDH) |       |       |               |



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

**CREATININE**

|                                 |      |       |             |
|---------------------------------|------|-------|-------------|
| CREATININE: SERUM               | 0.47 | mg/dL | 0.40 - 1.40 |
| by ENZYMATIC, SPECTROPHOTOMETRY |      |       |             |



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

## CLINICAL PATHOLOGY

### URINE ROUTINE & MICROSCOPIC EXAMINATION

#### PHYSICAL EXAMINATION

|                                            |             |    |               |
|--------------------------------------------|-------------|----|---------------|
| QUANTITY RECIEVED                          | 10          | ml |               |
| by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY |             |    |               |
| COLOUR                                     | PALE YELLOW |    | PALE YELLOW   |
| by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY |             |    |               |
| TRANSPARANCY                               | HAZY        |    | CLEAR         |
| by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY |             |    |               |
| SPECIFIC GRAVITY                           | 1.02        |    | 1.002 - 1.030 |
| by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY |             |    |               |


#### CHEMICAL EXAMINATION

|                                             |                |       |                |
|---------------------------------------------|----------------|-------|----------------|
| REACTION                                    | NEUTRAL        |       |                |
| by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY  |                |       |                |
| PROTEIN                                     | Negative       |       | NEGATIVE (-ve) |
| by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY  |                |       |                |
| SUGAR                                       | Negative       |       | NEGATIVE (-ve) |
| by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY  |                |       |                |
| pH                                          | 7              |       | 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                                       | Negative       |       | NEGATIVE (-ve) |
| by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY  |                |       |                |
| ASCORBIC ACID                               | NEGATIVE (-ve) |       | NEGATIVE (-ve) |
| by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY  |                |       |                |

#### MICROSCOPIC EXAMINATION



  
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| Test Name                                                                                | Value          | Unit | Biological Reference interval |
|------------------------------------------------------------------------------------------|----------------|------|-------------------------------|
| RED BLOOD CELLS (RBCs)<br><i>by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT</i>           | NEGATIVE (-ve) | /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>                 | 2-4            | /HPF | ABSENT                        |
| CRYSTALS<br><i>by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT</i>                         | +              |      | 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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