

Patient Name : Miss SONI DEVI

Age : 26Y Sex : Female

Ref. By : DR.S.PRASAD,G.A.M.S



Reg. No : SP-2026-0058

Collection Date : 17-06-2026

Reporting Date : 17-06-2026

| Test   | Flag | Result | Unit                    | Normal Range |
|--|------|--------|-------------------------|--------------|
| <b>HAEMATOLOGY</b>                           |      |        |                         |              |
| <b>COMPLETE BLOOD COUNT (CBC)</b>            |      |        |                         |              |
| Haemoglobin                                  | ▼    | 8.7    | gm/dL                   | 10.5-14.5    |
| RBC Count                                    | ▼    | 3.05   | mil/cu.mm               | 3.5-5.5      |
| <b>RBC INDICES</b>                           |      |        |                         |              |
| Hematocrit (HCT)                             | ▼    | 32.4   | %                       | 40-50        |
| Mean Corp Volume (MCV)                       | ▲    | 106.0  |                         | 83-101       |
| Mean Corp Hb (MCH)                           |      | 28.6   | pg                      | 27-32        |
| Mean Corp Hb Conc (MCHC)                     | ▼    | 27.0   | gm/dL                   | 31.5-34.5    |
| RDW-SD                                       |      | 89.4   | fl                      |              |
| RDW-CV                                       | ▲    | 25.4   | %                       | 11.0-17.0    |
| Platelet Count                               |      | 2.35   | 10 <sup>6</sup> /ul     | 1.50-4.50    |
| MPV  |      | 10.5   |                         | 7-13         |
| PWD  |      | 19.2   | fl                      |              |
| PCT  |      | 0.247  | %                       | 0.10-0.35    |
| Total WBC Count                              |      | 7500   | 10 <sup>3</sup> /ul     | 4000-11000   |
| <b>DIFFERENTIAL LEUCOCYTE COUNT</b>          |      |        |                         |              |
| Neutrophils                                  |      | 65     | %                       | 40-70        |
| Lymphocytes                                  |      | 28     |                         | 20-40        |
| Monocytes                                    |      | 06     | %                       | 2-10         |
| Eosinophils                                  |      | 01     | %                       | 1-6          |
| Basophils                                    |      | 00     | %                       | 0-1          |
| <b>Differential Leucocyte Absolute Count</b> |      |        |                         |              |
| Absolute Neutrophil                          |      | 4.88   | x10 <sup>3</sup> /Cu.mm | 1.8-7.8      |
| Absolute Lymphocyte                          |      | 2.10   | x10 <sup>3</sup> /Cu.mm | 1.0-4.8      |
| Absolute Monocyte                            |      | 0.45   | x10 <sup>3</sup> /Cu.mm | 0-0.8        |
| Absolute Eosinophil                          |      | 0.08   | x10 <sup>3</sup> /Cu.mm | 0-0.45       |
| Absolute Basophil                            |      | 0.00   | x10 <sup>3</sup> /Cu.mm | 0-0.2        |

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| <b>BIOCHEMISTRY</b>             |      |        |       |              |
| Alanine Transaminase (SGPT/ALT) |      | 34     | U/L   | 5-40         |
| SERUM URIC ACID                 |      | 5.69   | mg/dl | 3.2-7.0      |
| BLOOD SUGAR RANDOM (BSR)        |      | 71     | mg/dl | 70-140       |

**Comment**

A Random Blood Sugar (RBS) test measures the amount of glucose (sugar) in the blood at any time of the day, regardless of when a person last ate. It is used to help detect and monitor diabetes and evaluate how well the body controls blood sugar levels. High or low blood sugar levels may indicate a health problem that needs medical attention.

**WIDAL TEST NEW**

|            |          |
|------------|----------|
| TYPHI "O"  | 1/160    |
| TYPHI "H"  | 1/80     |
| TYPHI "AH" | 1/20     |
| TYPHI "BH" | 1/20     |
| Result     | Positive |

**Comment**

Widal test is a serological test used to detect antibodies against Salmonella Typhi and Salmonella Paratyphi, the bacteria responsible for enteric fever (typhoid fever). The test measures agglutinating antibodies against O (somatic) and H (flagellar) antigens in the patient's serum. Results should be interpreted along with clinical findings and local baseline antibody titers, as prior vaccination or previous infection may influence the results.

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**BIOCHEMISTRY**

**Urine R/E Analysis**

**Physical Examination**

|                  |  |              |    |             |
|------------------|--|--------------|----|-------------|
| VOLUME           |  | 10           | ml | 5-20        |
| Urine Colour     |  | Pale Yellow  |    |             |
| Appearance       |  | Clear        |    |             |
| Urine pH         |  | 6.0          |    | 4.5-8.0     |
| Specific Gravity |  | <b>1.020</b> |    | 1.000-1.030 |

**Chemical Examination**

|                       |  |             |  |  |
|-----------------------|--|-------------|--|--|
| Urine Sugar (Glucose) |  | Absent      |  |  |
| Urine Protein         |  | Absent      |  |  |
| Ketones               |  | Absent      |  |  |
| Urine Bilirubin       |  | Absent      |  |  |
| Urobilinogen          |  | Absent      |  |  |
| Blood                 |  | Not Present |  |  |
| Nitrate               |  | Not Present |  |  |
| Bile Pigment          |  | Absent      |  |  |
| Leukocytes Esterase   |  | Absent      |  |  |

**Microscopy Examination**

|                  |  |          |                |     |
|------------------|--|----------|----------------|-----|
| Pus Cells        |  | 1-2      |                |     |
| R.B.C.           |  | Nil      | RBC /hpf       | 0-2 |
| Epithelial Cells |  | 2-3      | Epi Cells /hpf |     |
| Casts            |  | Not Cast | /hpf           |     |
| Crystals         |  | Not Seen | /hpf           |     |
| Granular Cast    |  | Absent   |                |     |
| Bacteria         |  | Absent   |                |     |
| Other            |  | N/A      |                |     |

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