



Address: 123 Health Street, City Phone: +91 00000 00000 Email: info@samlab.com Web: www.samlab.com

| PATIENT INFORMATION         | SAMPLE & REPORT DETAILS                                                                        |
|-----------------------------|------------------------------------------------------------------------------------------------|
| Patient ID: SAM250531001    | Invoice No: INV-0001                                                                           |
| Patient Name: Rajesh Sharma | Reported On: 31-05-2026 08:15                                                                  |
| Age / Sex: 42 Y / Male      | Collected On: 31-05-2026 07:40                                                                 |
| Referred By: Dr. Sharma     | Received On: 31-05-2026 08:05                                                                  |
| Mobile: +91 98765 43210     | <br>INV-0001 |

CONSOLIDATED TEST REPORT

| DEPARTMENT HAEMATOLOGY            |                       |                       |                       |                       |
|-----------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Instrument: Sysmex XN-550, Manual |                       |                       |                       |                       |
| TEST PARAMETER                    | RESULT                | UNIT                  | REFERENCE RANGE       | STATUS                |
| Haemoglobin                       | 11.8 ↓                | g/dL                  | 13.0 - 17.0           | ● Low                 |
| RESULT HISTORY                    |                       |                       |                       |                       |
| 14-05-26<br>12.0 g/dL             | 14-04-26<br>12.2 g/dL | 14-03-26<br>12.4 g/dL | 14-02-26<br>12.6 g/dL | 14-01-26<br>12.9 g/dL |
| 14-12-25<br>13.1 g/dL             |                       |                       |                       |                       |
| RBC Count                         | 4.42 ↓                | 10 <sup>6</sup> /μL   | 4.5 - 5.5             | ● Low                 |
| PCV (Haematocrit)                 | 38.4 ↓                | %                     | 40 - 50               | ● Low                 |
| MCV                               | 86.9                  | fL                    | 83 - 101              | ● Normal              |
| MCH                               | 26.7 ↓                | pg                    | 27 - 32               | ● Low                 |
| MCHC                              | 30.7 ↓                | g/dL                  | 31.5 - 34.5           | ● Low                 |
| WBC Count                         | 7.20                  | 10 <sup>3</sup> /μL   | 4.0 - 11.0            | ● Normal              |
| DIFFERENTIAL COUNT (DLC)          |                       |                       |                       |                       |
| Neutrophils                       | 57.2                  | %                     | 40 - 75               | ● Normal              |
| Lymphocytes                       | 38.1                  | %                     | 20 - 40               | ● Borderline          |
| Monocytes                         | 3.4                   | %                     | 2 - 10                | ● Normal              |
| Eosinophils                       | 1.1                   | %                     | 1 - 6                 | ● Borderline          |
| Basophils                         | 0.2                   | %                     | 0 - 2                 | ● Borderline          |
| Platelet Count                    | 4.55 ↑                | 10 <sup>5</sup> /μL   | 1.50 - 4.50           | ● High                |
| ESR                               | 28 ↑                  | mm/hr                 | 0 - 15                | ● High                |



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DEPARTMENT BIOCHEMISTRY

| Instrument: Erba XL-640 |        |       |                 |              |
|-------------------------|--------|-------|-----------------|--------------|
| TEST PARAMETER          | RESULT | UNIT  | REFERENCE RANGE | STATUS       |
| Bilirubin (Total)       | 1.42 ↑ | mg/dL | 0.20 - 1.20     | ● High       |
| Bilirubin (Direct)      | 0.38   | mg/dL | 0.00 - 0.40     | ● Borderline |
| Bilirubin (Indirect)    | 1.04 ↑ | mg/dL | 0.20 - 0.80     | ● High       |
| SGPT (ALT)              | 68 ↑   | U/L   | 10 - 49         | ● High       |
| SGOT (AST)              | 44     | U/L   | 10 - 46         | ● Borderline |
| Alkaline Phosphatase    | 96     | U/L   | 46 - 116        | ● Normal     |
| Total Protein           | 7.10   | g/dL  | 6.30 - 8.20     | ● Normal     |
| Albumin                 | 4.20   | g/dL  | 3.50 - 5.00     | ● Normal     |
| Globulin                | 2.90   | g/dL  | 2.00 - 3.50     | ● Normal     |
| A / G Ratio             | 1.45   |       | 1.00 - 2.10     | ● Normal     |



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DEPARTMENT CLINICAL PATHOLOGY

| Instrument: Manual |             |       |                 |          |
|--------------------|-------------|-------|-----------------|----------|
| TEST PARAMETER     | RESULT      | UNIT  | REFERENCE RANGE | STATUS   |
| Colour             | Pale Yellow |       | Pale Yellow     | ● Normal |
| Appearance         | Clear       |       | Clear           | ● Normal |
| pH                 | 6.0         |       | 5.0 - 8.0       | ● Normal |
| Specific Gravity   | 1.015       |       | 1.005 - 1.030   | ● Normal |
| Protein            | Absent      |       | Absent          | ● Normal |
| Glucose            | Absent      | mg/dL | Absent          | ● Normal |
| Pus Cells (WBC)    | 2 - 3       | /HPF  | 0 - 5           | ● Normal |
| Epithelial Cells   | 1 - 2       | /HPF  | 0 - 5           | ● Normal |
| RBCs               | Nil         | /HPF  | 0 - 2           | ● Normal |

 **RESULT SUMMARY**  
5 of 33 parameters are outside the reference range — please review the highlighted results.

**GENERAL INFORMATION & CLINICAL INTERPRETATION**

5 of 33 parameter(s) are outside the reference range. Each one is commented under its own test above.

Laboratory guidance only — please read with the clinical picture. Clinical correlation is advised.

|                                                                                  |                                                                                                                      |                                                                         |                                                                              |
|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|------------------------------------------------------------------------------|
| <b>Entered By</b><br><br><b>Suresh Kumar</b><br>DMLT<br>Medical Lab Technologist | <b>Verified By</b><br><br><b>Dr. Anjali Verma</b><br>MD (Pathology)<br>Consultant Pathologist<br>Reg. No.: MCI-12345 | <b>SamLab Diagnostics</b><br>Committed to Quality.<br>Committed to You. | <b>For Reports &amp; Queries</b><br><b>+91 00000 00000</b><br>www.samlab.com |
|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|------------------------------------------------------------------------------|

--- End of Report ---

**Disclaimer:**  
Results relate only to the sample tested.