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| PATIENT INFORMATION |                 | SAMPLE & REPORT DETAILS                                                            |                      |
|---------------------|-----------------|------------------------------------------------------------------------------------|----------------------|
| Patient ID:         | SAM250531001    | Invoice No:                                                                        | INV-0001             |
| Patient Name:       | Rajesh Sharma   | Report Printed On:                                                                 | 31-May-2026 09:05 AM |
| Age / Sex:          | 42 Y / Male     | Registered On:                                                                     | 31-05-2026 08:15     |
| Referred By:        | Dr. Sharma      | Collected On:                                                                      | 31-05-2026 07:40     |
| Mobile:             | +91 12345 67890 | Received On:                                                                       | 31-05-2026 08:05     |
|                     |                 |  |                      |
|                     |                 | INV-0001                                                                           |                      |

CONSOLIDATED TEST REPORT

HAEMATOLOGY

Complete Blood Count (CBC)

Instrument: Sysmex XN-550, Manual

| Test Name                                                | Results               |                       | Units                 | Ref. Range            | Flag                  | Method                       |
|----------------------------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------------|
| Haemoglobin                                              | 11.8                  | ↓                     | g/dL                  | 13.0 - 17.0           | ● Low                 | Automated (Impedance / Flow) |
| 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                 | Automated (Impedance / Flow) |
| PCV (Haematocrit)                                        | 38.4                  | ↓                     | %                     | 40 - 50               | ● Low                 | Automated (Impedance / Flow) |
| MCV                                                      | 86.9                  |                       | fL                    | 83 - 101              | ● Normal              | Automated (Impedance / Flow) |
| MCH                                                      | 26.7                  | ↓                     | pg                    | 27 - 32               | ● Low                 | Automated (Impedance / Flow) |
| MCHC                                                     | 30.7                  | ↓                     | g/dL                  | 31.5 - 34.5           | ● Low                 | Automated (Impedance / Flow) |
| WBC Count                                                | 7.20                  |                       | 10 <sup>3</sup> /μL   | 4.0 - 11.0            | ● Normal              | Automated (Impedance / Flow) |
| DIFFERENTIAL COUNT (DLC)                                 |                       |                       |                       |                       |                       |                              |
| Neutrophils                                              | 57.2                  |                       | %                     | 40 - 75               | ● Normal              | 3-part (Impedance)           |
| Lymphocytes                                              | 38.1                  |                       | %                     | 20 - 40               | ● Borderline          | 3-part (Impedance)           |
| Monocytes                                                | 3.4                   |                       | %                     | 2 - 10                | ● Normal              | 3-part (Impedance)           |
| Eosinophils                                              | 1.1                   |                       | %                     | 1 - 6                 | ● Borderline          | 3-part (Impedance)           |
| Basophils                                                | 0.2                   |                       | %                     | 0 - 2                 | ● Borderline          | 3-part (Impedance)           |
| Platelet Count                                           | 4.55                  | ↑                     | 10 <sup>5</sup> /μL   | 1.50 - 4.50           | ● High                | Automated (Impedance / Flow) |
| ESR                                                      | 28                    | ↑                     | mm/hr                 | 0 - 15                | ● High                |                              |
| RECOMMENDATION                                           |                       |                       |                       |                       |                       |                              |
| Haemoglobin: Repeat after four weeks of supplementation. |                       |                       |                       |                       |                       |                              |

NOTES : Lymphocytosis, RBC Abnormal distribution, Anemia

BIOCHEMISTRY

Liver Function Test (LFT)

Instrument: Erba XL-640

| Test Name            | Results | Units | Ref. Range  | Flag         |
|----------------------|---------|-------|-------------|--------------|
| 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       |

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| Test Name            | Results | Units | Ref. Range  | Flag         |
|----------------------|---------|-------|-------------|--------------|
| 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     |

CLINICAL PATHOLOGY

Urine Routine Examination

Instrument: Manual

| Test Name        | Results     | Units | Ref. Range    | Flag     |
|------------------|-------------|-------|---------------|----------|
| 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 |

GENERAL INFORMATION

6 of 33 parameter(s) are outside the reference range. Each one is commented under its own test above. On this report: Haemoglobin is below the usual range; Platelet Count, ESR, Bilirubin (Total) and SGPT (ALT) are above it.

**Complete Blood Count (CBC):** A routine investigation, reported against the stated reference interval for this laboratory. Read it with the clinical picture rather than on its own.

**Liver Function Test (LFT):** A routine investigation, reported against the stated reference interval for this laboratory. Read it with the clinical picture rather than on its own.

**Urine Routine Examination:** A routine investigation, reported against the stated reference interval for this laboratory. Read it with the clinical picture rather than on its own.

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

**RESULT SUMMARY :** 6 of 33 parameters are outside the reference range — please review the highlighted results.

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INV-0001

Entered By

Verified By

Suresh Kumar

DMLT  
Medical Lab Technologist

Dr. Anjali Verma

MD (Pathology)  
Consultant Pathologist  
Reg. No.: MCI-12345

--- End of Report ---

### Disclaimer:

Results relate only to the sample tested.