

# SUNWAY MEDICAL CENTRE

## LABORATORY REPORT

**Patient Name:** David Kumar  
**Patient ID:** P005  
**Date of Birth:** 1972-01-15  
**Gender:** M  
**Report Date:** 2023-08-01  
**Collected:** 2023-08-01 08:30 AM

| TEST              | RESULT      | REFERENCE RANGE  | FLAG   |
|-------------------|-------------|------------------|--------|
| HbA1c             | 8.5%        | 4.0 - 6.0%       | HIGH   |
| Fasting Glucose   | 13.1 mmol/L | 3.9 - 7.8 mmol/L | HIGH   |
| Total Cholesterol | 6.0 mmol/L  | < 5.2 mmol/L     | NORMAL |
| HDL Cholesterol   | 1.2 mmol/L  | > 1.0 mmol/L     | NORMAL |
| LDL Cholesterol   | 3.0 mmol/L  | < 3.4 mmol/L     | NORMAL |
| Creatinine        | 72 µmol/L   | 62 - 106 µmol/L  | NORMAL |

**CLINICAL NOTES:**

Patient presents with newly diagnosed Type 2 Diabetes Mellitus (T2DM). Elevated HbA1c at 8.5% indicates poor glycemic control. Recommend initiation of Metformin therapy and lifestyle modifications. Follow-up in 3 months to assess treatment response.

**Dr. Ahmad Hassan**  
Consultant Endocrinologist  
Registration: MMC 12345