

Freiburg Medical Laboratory Middle East (L.L.C.)

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Laboratory Report - Online Version

Physician: Dr. Emily Watson

Hospital: City HealthCare Center

Report Date: 2025-04-14

Test Request Code: CHC-20250414-016

Sample ID: 382213

Patient Name: Mr. Omar Al Habsi

Gender: Male

Date of Birth: 03.11.1972

Nationality: Omani

Patient ID: CHC-20250414-016

Sampling Date / Time: 2025-04-13 / 09:30

Receipt Date / Time: 2025-04-13 / 09:45

Analysis & Test Results

| Test | Result | Flag | Units | Reference Range |
|----------------------------|--------|--------|-------|-----------------|
| Glucose (Fasting) | 182 | High | mg/dL | 70 - 99 |
| Blood Pressure | 88 | Normal | mmHg | 60 - 90 |
| Skin Thickness | 33 | Normal | mm | - |
| Insulin | 130 | High | IU/mL | - |
| BMI | 31.5 | Obese | kg/m² | 18.5 - 24.9 |
| Diabetes Pedigree Function | 0.8 | - | - | - |
| Age | 52 | - | years | - |

Diagnosis & Recommendations

The fasting glucose is significantly elevated and insulin level is high. The patient meets criteria for **Type 2 Diabetes Mellitus (T2DM)**.

Recommendations:

- Begin diabetes management plan with lifestyle changes and medications.
- Consult an endocrinologist urgently.
- Conduct HbA1c and renal function tests.
- Monitor blood sugar daily.

Remarks: Patient is diabetic and requires immediate medical attention.

Authorized By:

Dr. Emily Watson

City HealthCare Center

(Signature)