

Patient Name	: Mr. ALAA SULIMAN BADDOUR	Sample UID No.	: G4096659F
Age / Gender	: 49 Y / Male	Sample Collected On	: 13-07-2025 21:38
Patient ID	: QLD096437	Registered On	: 13-07-2025 21:43
Referred By	: CITY CARE	Reported on	: 14-07-2025 07:06
Referral Client	: CITICARE MEDICAL CENTER	External Patient ID	: 37259
Emirates ID / Passport No	:	Print Version	: V.1

Department of BIOCHEMISTRY

<u>Investigation</u>	<u>Results</u>	<u>Flag</u>	<u>Units</u>	<u>Biological Reference Interval</u>	<u>Method</u>
GLUCOSE (FASTING)	101		mg/dL	74 - 109	Hexokinase

Sample: Fluoride Plasma

Comments :

CLINICAL IMPLICATIONS:

ADA criteria for definitive test for diabetes:

- 1) Fasting blood glucose > 126 mg/dl (> 6.99 mmol/l) on at least two occasions.
- 2) Symptoms of diabetes plus random blood glucose > 200 mg/dl (> 11.1 mmol/l)
- 3) OGTT with 2 hrs. post load (75 gm glucose load) > 200 mg/dl (> 11.1 mmol/l) 4) HbA1c > 6.5%

INTERFERING FACTORS:

- 1) Steroids, diuretics, pregnancy, surgical procedures, anesthesia, obesity, smoking may cause elevated glucose levels.
- 2) Hematocrit > 55%, intense exercise, drug intake may cause lowered glucose level.
- 3) Dawn Phenomenon-Increase in blood glucose typically between 4.00am and 8.00 am due to counter-regulatory hormones.

RECOMMENDATION: As mild borderline cases may present with normal fasting glucose levels, recommended repeat testing different day.

REFERENCE: 1) Manual of Laboratory and Diagnostics -Frances Fischbach Marshall B. Dunning III [9th Edition]
2) Tietz clinical guide to Laboratory tests(Fourth edition) ALAN H.B.WU

- END OF REPORT -

"QLabs compliance with ISO 15189:2022 standards"

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