

Patient Name	: Mr. NAWAZ SHARIF	Sample UID No.	: G4098127R
Age / Gender	: 30 Y / Male	Sample Collected On	: 17-07-2025 23:42
Patient ID	: QLD097897	Registered On	: 17-07-2025 23:43
Referred By	: DR RAHMAN	Reported on	: 18-07-2025 06:53
Referral Client	: CITICARE MEDICAL CENTER	External Patient ID	: 40138
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 (RANDOM)	250	H	mg/dL	70 – 140	Hexokinase

Sample: Fluoride Plasma

Comments :

CLINICAL IMPLICATION:

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 on a 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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