



BML544712

Laboratory Investigation Report

Name	: Mr. SRADAN VIROVAC	Ref No.	: 37308
DOB	: 29/05/1989	Sample No.	: 2504558188
Age / Gender	: 35 Y 10 M / Male	Collected	: 03/04/2025 15:28
Referred by	: CITICARE MEDICAL CENTER	Registered	: 03/04/2025 22:00
Centre	: CITICARE MEDICAL CENTER	Reported	: 05/04/2025 19:51

BIOCHEMISTRY

Test	Result	Flag	Unit	Reference Range	Methodology
# FRUCTOSAMINE	358.61	H	umol/L	151 - 300 Kindly note change in ref. range	Enzymatic

INTERPRETATION NOTES :

- Fructosamine levels are increased in hyperglycemia in patients with poorly controlled DM.

Clinical Utility :

- The measurement of fructosamine is a useful indicator of diabetic control, reflecting blood glucose levels over the preceding 2-3 weeks, whereas blood glucose measurement only provides a short-term indicator.
- This test is an important alternative to HbA1c, especially for the cases where abnormal haemoglobins can lead to spurious results in HbA1c measurement.

Limitations:

- Fructosamine values correlate with changes in serum protein concentrations in liver disease, acute systemic illness, and abnormal protein turnover due to thyroid disease in normoglycemic patients.

Associated Tests:

- G0027- Fasting Glucose, plasma ,H0018- HbA1C- Glycated Haemoglobin, by HPLC method

Reference:

- Kit Insert
- Wallach's Interpretation of Diagnostic Tests, 10th edition

This test is performed in an accredited referral laboratory.

Sample Type : Serum

End of Report

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M.D (Pathology)
Pathologist

Gyoma V. Shah
Dr. Vyoma V Shah
M.D (Pathology)
Clinical Pathologist

Harshad Manikandan
HARSHAD MANIKANDAN
Laboratory Technician
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Page 1 of 2

Test result pertains only to the sample tested and to be interpreted in the light of clinical history. These tests are accredited under ISO 15189:2012 unless specified by (^). Test marked with # is performed in an accredited referral laboratory.





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BIOCHEMISTRY

Test	Result	Flag	Unit	Reference Range	Methodology
GLYCATED HEMOGLOBIN (HbA1C) ^					
HBA1C	5.1		%	Non- diabetic: 4.0 - 5.6 Prediabetes (Increased risk): 5.7 - 6.4 Diabetes: = or > 6.5	Capillary electrophoresis
eAG (estimated Average Glucose)	100		mg/dL	-	Calculation

INTERPRETATION NOTES :

HbA1c Therapeutic goals for glycemic control (ADA)

Adults:

- Goal of therapy: < 7.0 %
- Action suggested: > 8.0 %

Pediatric patients:

- Toddlers and preschoolers: < 8.5 % (but > 7.5 %)
- School age (6-12 years): < 8.0 %
- Adolescents and young adults (13-19 years): < 7.5 %

Sample Type : EDTA Whole Blood

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Pathologist

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