



BML381016

Laboratory Investigation Report

Name	: Mr. SACHIN	Ref No.	: 26126
DOB	: 07/01/1984	Sample No.	: 2404388424
Age / Gender	: 40 Y / Male	Collected	: 05/04/2024 17:00
Referred by	: DR.ENOMEN	Registered	: 05/04/2024 22:06
Centre	: Peshawar Medical Center LLC	Reported	: 05/04/2024 23:09

BIOCHEMISTRY

Test	Result	Flag	Unit	Reference Range	Methodology
GLYCATED HEMOGLOBIN (HbA1C) ^					
HBA1C	6.3		%	Non- diabetic: 4.0 - 5.6 Prediabetes (Increased risk): 5.7 - 6.4 Diabetes: = or > 6.5	Capillary electrophoresis
eAG (estimated Average Glucose)	134		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**

End of Report

Dr. Adley Mark Fernandes
M.D (Pathology)
Pathologist

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

This is an electronically authenticated report

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SAGAR MURUKESAN PILLAI MOLY
Laboratory Technologist
Printed on: 06/04/2024 16:58

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
LIPID PROFILE TEST					
CHOLESTEROL (TOTAL)	192		mg/dl	Desirable: < 200 Borderline High: 200 - 240 High: > 240	Enzymatic colorimetric assay
HDL CHOLESTEROL	51		mg/dl	40 - 60	Homogeneous enzymatic colorimetric assay
LDL CHOLESTEROL DIRECT	127		mg/dl	Optimal: < 100 Near/Above Optimal: 100 - 129 Borderline High: 130 - 159 High: 160 - 189 Very High: > 190	Homogeneous enzymatic colorimetric assay
VLDL CHOLESTEROL	12		mg/dL	< 30	Calculation
NON-HDL CHOLESTEROL	139		mg/dL	< 140	Calculation
TRIGLYCERIDES	58		mg/dl	Normal: < 150 Borderline High: 150 - 199 High: 200 - 499 Very High: > 500	Enzymatic colorimetric assay
TOTAL CHOLESTEROL / HDL RATIO	3.8	--	--	< 4.5	Calculation
LDL / HDL RATIO	2.5	--	--	< 3.5	Calculation

Sample Type : Serum

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