SagePath
Excellence In Health Care

Sagepath Labs Pvt. Ltd.

Lab Address:- # Plot No. 564 , 1st floor , Buddhanagar , Near Sai Baba Temple Peerzadiguda Boduppal Hyderabad, Telangana. ICMR Reg .No. SAPALAPVLHT (Covid -19)

— REPORT —

Name	: Mr. RAMESH	Sample ID	: A0934155
Age/Gender	: 48 Years/Male	Reg. No	: 0312409110008
Referred by	: Dr. SELF	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 11-Sep-2024 09:42 AM
Primary Sample	: Whole Blood	Received On	: 11-Sep-2024 01:51 PM
Sample Tested In	: Plasma-NaF(F)	Reported On	: 11-Sep-2024 04:29 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

CLINICAL BIOCHEMISTRY

GLUCOSE FASTING

Test Name	Results	Units	Ref. Range	Method
Glucose Fasting (F)	**122**	mg/dL	70-100	Hexokinase

Interpretation of Plasma Glucose based on ADA guidelines 2018

Diagnosis	FastingPlasma Glucose(mg/dL)	2hrsPlasma Glucose(mg/dL)	HbA1c(%)	RBS(mg/dL)
Prediabetes	100-125	140-199	5.7-6.4	NA
Diabetes	> = 126	> = 200	> = 6.5	>=200(with symptoms)

Reference: Diabetes care 2018:41(suppl.1):S13-S27

Result rechecked and verified for abnormal cases

*** End Of Report ***

Laboratory is NABL Accredited

ilac-MRA

MC 3633

DR.VAISHNAVI
MD BIOCHEMISTRY

Note : This report is subject to the terms and conditions overleaf. Partial Reproduction of this report is not Permitted

Page 1 of 3

REPORT

Name	: Mr. RAMESH	Sample ID	: A0934154
Age/Gender	: 48 Years/Male	Reg. No	: 0312409110008
Referred by	: Dr. SELF	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 11-Sep-2024 09:42 AM
Primary Sample	: Whole Blood	Received On	: 11-Sep-2024 01:39 PM
Sample Tested In	: Whole Blood EDTA	Reported On	: 11-Sep-2024 06:54 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

CLINICAL BIOCHEMISTRY

Test Name	Results	Units	Ref. Range	Method
Glycated Hemoglobin (HbA1c)	**7.0**	%	Non Diabetic:< 5.7 Pre diabetic: 5.7-6.4 Diabetic:>= 6.5	HPLC
Mean Plasma Glucose	154.2	mg/dL		Calculated

Glycated hemoglobins (GHb), also called glycohemoglobins, are substances formed when glucose binds to hemoglobin, and occur in amounts proportional to the concentration of serum glucose. Since red blood cells survive an average of 120 days, the measurement of GHb provides an index of a person's average blood glucose concentration (glycemia) during the preceding 2-3 months. Normally, only 4% to 6% of hemoglobin is bound to glucose, while elevated glycohemoglobin levels are seen in diabetes and other hyperglycemic states Mean Plasma Glucose(MPG):This Is Mathematical Calculations Where Glycated Hb Can Be Correlated With Daily Mean Plasma Glucose Level

NOTE: *The above Given Risk Level Interpretation is not age specific and is an information resource only and is not to be used or relied on for any diagnostic or treatment purposes and should not be used as a substitute for professional diagnosis and treatment. Kindly Correlate clinically.*

INTERPRETATION

Method: Analyzer Fully automated **HPLC** platform.

Average Blood Glucose(eAG) (mg/dL)	Level of Control	Hemoglobin A1c (%)
421	ALERT	14%
386		13%
350		12%
314		11%
279		10%
243		9%
208		8%
172	POOR	7%
136	GOOD	6%
101	EXCELLENT	5%

HbA1c values of 5.0- 6.5 percent indicate good control or an increased risk for developing diabetes mellitus. HbA1c values greater than 6.5 percent are diagnostic of diabetes mellitus. Diagnosis should be confirmed by repeating the HbA1c test.

NOTE: *Hb F higher than 10 percent of total Hb may yield falsely low results. Conditions that shorten red cell survival, such as the presence of unstable hemoglobins like Hb SS, Hb CC, and Hb SC, or other causes of hemolytic anemia may yield falsely low results. Iron deficiency anemia may yield falsely high results.*

Result rechecked and verified for abnormal cases

*** End Of Report ***

Laboratory is NABL Accredited

ilac-MRA

MC 3633

DR.VAISHNAVI
MD BIOCHEMISTRY

Note : This report is subject to the terms and conditions overleaf. Partial Reproduction of this report is not Permitted

Page 2 of 3

ITDOSE INFOSYSTEMS PVT. LTD.

Sagepath Labs Pvt. Ltd.

Lab Address:- # Plot No. 564 , 1st floor , Buddhanagar , Near Sai Baba Temple Peerzadiguda Boduppal Hyderabad, Telangana.
ICMR Reg .No. SAPALAPVLHT (Covid -19)

— REPORT —

Name	: Mr. RAMESH	Sample ID	: A0934153
Age/Gender	: 48 Years/Male	Reg. No	: 0312409110008
Referred by	: Dr. SELF	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 11-Sep-2024 09:42 AM
Primary Sample	: Whole Blood	Received On	: 11-Sep-2024 01:57 PM
Sample Tested In	: Serum	Reported On	: 11-Sep-2024 06:13 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

CLINICAL BIOCHEMISTRY

Test Name	Results	Units	Ref. Range	Method
Lipid Profile				
Cholesterol Total	**299.7**	mg/dL	< 200	CHOD-POD
Triglycerides-TGL	**318.4**	mg/dL	< 150	GPO-POD
Cholesterol-HDL	**35**	mg/dL	40-60	Direct
Cholesterol-LDL	**201.02**	mg/dL	< 100	Calculated
Cholesterol- VLDL	**63.68**	mg/dL	7-35	Calculated
Non HDL Cholesterol	**264.7**	mg/dL	< 130	Calculated
Cholesterol Total /HDL Ratio	**8.56**	%	0-4.0	Calculated
HDL / LDL Ratio	0.17			
LDL/HDL Ratio	**5.74**	%	0-3.5	Calculated

The National Cholesterol Education program's third Adult Treatment Panel (ATPIII) has issued its recommendations on evaluating and treating lipid discorders for primary and secondary.

NCEP Recommendations	Cholesterol Total in (mg/dL)	Triglycerides in (mg/dL)	HDL Cholesterol (mg/dL)	LDL Cholesterol in (mg/dL)	Non HDL Cholesterol in (mg/dL)
Optimal	Adult: < 200 Children: < 170	< 150	40-59	Adult:<100 Children: <110	<130
Above Optimal	-----	-----		100-129	130 - 159
Borderline High	Adult: 200-239 Children:171-199	150-199		Adult: 130-159 Children: 111-129	160 - 189
High	Adult:>or=240 Children:>or=200	200-499	≥ 60	Adult:160-189 Children:>or=130	190 - 219
Very High	-----	>or=500		Adult: >or=190 -------	>=220

Note: LDL cholesterol cannot be calculated if triglyceride is >400 mg/dL (**Friedewald's formula**). Calculated values not provided for LDL and VLDL

Correlate Clinically.

Result rechecked and verified for abnormal cases
Laboratory is NABL Accredited

*** End Of Report ***

ilac-MRA

MC 3633

DR.VAISHNAVI
MD BIOCHEMISTRY