

Sagepath Labs Pvt. Ltd.

Registered Office:- # Plot No. 564, 1st floor, Buddhanagar, Near Sai Baba Temple Peerzadiguda Boduppal Hyderabad, Telangana. ICMR Reg. No. SAPALAPVLHT (Covid -19) Website:- www.sagepathlabs.com

REPORT

 Name
 : Mr. B RAMESH
 Sample ID
 : 24753760, 24753765

 Age/Gender
 : 46 Years/Male
 Reg. No
 : 0312311250002

 Referred by
 : Dr. SELF
 SPP Code
 : SPL-CV-172

Referring Customer : V CARE MEDICAL DIAGNOSTICS Collected On : 25-Nov-2023 09:07 AM Primary Sample : Whole Blood Received On : 25-Nov-2023 12:19 PM

Sample Tested In : Plasma-NaF(F), Plasma-NaF(PP) Reported On : 25-Nov-2023 03:14 PM

Client Address : Kimtee colony , Gokul Nagar, Tarnaka Report Status : Final Report

CLINICAL BIOCHEMISTRY

GLUCOSE POST PRANDIAL (PP)

Test Name Results Units Ref. Range Method

Glucose Fasting (F)133 mg/dL 70-100 GOD-POD

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	II I	>=200(with symptoms)

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

Glucose Post Prandial (PP) 223 mg/dL 70-140 Hexokinase (HK)

Interpretation of Plasma Glucose based on ADA guidelines 2018

III II JAANAEIE	J	2hrsPlasma Glucose(mg/dL)	HbA1c(%)	RBS(mg/dL)
Prediabetes	100-125	140-199	5.7-6.4	NA
Diabetes	>= 126	>= 200		>=200(with symptoms)

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

- Postprandial glucose level is a screening test for Diabetes Mellitus
- $\bullet~$ If glucose level is $>\!140$ mg/dL and $<\!200$ mg/dL, then GTT (glucose tolerance test) is advised.
- If level after 2 hours = >200 mg/dL diabetes mellitus is confirmed.
- Advise HbA1c for further evaluation.

Result rechecked and verified for abnormal cases

*** End Of Report ***

Laboratory is NABL Accredited











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REPORT

Name: Mr. B RAMESHSample ID: 24753758Age/Gender: 46 Years/MaleReg. No: 0312311250002Referred by: Dr. SELFSPP Code: SPL-CV-172

Referring Customer : V CARE MEDICAL DIAGNOSTICS Collected On : 25-Nov-2023 09:07 AM
Primary Sample : Whole Blood Received On : 25-Nov-2023 12:28 PM

Sample Tested In : Whole Blood EDTA Reported On : 25-Nov-2023 03:28 PM

Client Address : Kimtee colony , Gokul Nagar, Tarnaka Report Status : Final Report

CLINICAL BIOCHEMISTRY						
Test Name	Results	Units	Ref. Range	Method		
Glycated Hemoglobin (HbA1c)	7.1	%	Non Diabetic: < 5.7 Pre diabetic: 5.7-6.4 Diabetic: >= 6.5	HPLC		
Mean Plasma Glucose	157.07	mg/dL		Calculated		

Interpretation:

- 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

Result rechecked and verified for abnormal cases

*** End Of Report ***

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Excellence In Health Care











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REPORT

Name : Mr. B RAMESH Sample ID : 24753755

 Age/Gender
 : 46 Years/Male
 Reg. No
 : 0312311250002

Referred by : Dr. SELF SPP Code : SPL-CV-172

Referring Customer : V CARE MEDICAL DIAGNOSTICS Collected On : 25-Nov-2023 09:07 AM
Primary Sample : Whole Blood Received On : 25-Nov-2023 12:28 PM

Sample Tested In : Serum Reported On : 25-Nov-2023 01:54 PM

Client Address : Kimtee colony ,Gokul Nagar,Tarnaka Report Status : Final Report

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Test Name	Results	Units	Ref. Range	Method		
Lipid Profile						
Cholesterol Total	173	mg/dL	< 200	CHOD-POD		
Triglycerides-TGL	345	mg/dL	< 150	GPO-POD		
Cholesterol-HDL	38	mg/dL	40-60	Direct		
Cholesterol-LDL	66	mg/dL	< 100	Calculated		
Cholesterol- VLDL	69	mg/dL	7-35	Calculated		
Non HDL Cholesterol	135	mg/dL	< 130	Calculated		
Cholesterol Total /HDL Ratio	4.55	%	0-4.0	Calculated		

CLINICAL BIOCHEMISTRY

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.

0 - 3.5

NCEP Recommendations	Cholesterol Total in (mg/dL)	Triglycerides in (mg/dL)	HDL Cholesterol (mg/dL)	in (mg/dl)	Non HDL Cholesterol in (mg/dL)
()ntimal	Adult: < 200 Children: < 170	< 150	40-59	Adult:<100 Children: <110	<130
Above Optimal				100-129	130 - 159
Borgerline 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

0.58

Correlate Clinically.

HDL / LDL Ratio

LDL/HDL Ratio

Result rechecked and verified for abnormal cases

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*** End Of Report ***









Calculated