



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. C P RAJU
 Sample ID
 : A0093226, A0093227

 Age/Gender
 : 81 Years/Male
 Reg. No
 : 0312402150008

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

Referring Customer : V CARE MEDICAL DIAGNOSTICS Collected On : 15-Feb-2024 09:48 AM Primary Sample : Whole Blood Received On : 15-Feb-2024 01:02 PM

Sample Tested In : Plasma-NaF(F), Plasma-NaF(PP) Reported On : 15-Feb-2024 05:09 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) 90 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		>=200(with symptoms)

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

Glucose Post Prandial (PP) 105 mg/dL 70-140 Hexokinase (HK)

Interpretation of Plasma Glucose based on ADA guidelines 2018

IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	3	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.

*** End Of Report ***

Laboratory is NABL Accredited







DR.VAISHNAVI MD BIOCHEMISTRY



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REPORT

Name : Mr. C P RAJU Sample ID : A0093225
Age/Gender : 81 Years/Male Reg. No : 0312402150008
Referred by : Dr. SELF SPP Code : SPL-CV-172
Referring Customer : V CARE MEDICAL DIAGNOSTICS Collected On : 15-Feb-2024 09:4

Referring Customer : V CARE MEDICAL DIAGNOSTICS Collected On : 15-Feb-2024 09:48 AM
Primary Sample : Whole Blood Received On : 15-Feb-2024 01:02 PM
Sample Tested In : Whole Blood EDTA Reported On : 15-Feb-2024 02:02 PM

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

CLINICAL BIOCHEMISTRY						
Test Name	Results	Units	Ref. Range	Method		
Glycated Hemoglobin (HbA1c)	6.1	%	Non Diabetic: < 5.7 Pre diabetic: 5.7-6.4 Diabetic: >= 6.5	HPLC		
Mean Plasma Glucose	128.37	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

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*** End Of Report ***

Excellence In Health Care











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REPORT

 Name
 : Mr. C P RAJU
 Sample ID
 : A0093224

 Age/Gender
 : 81 Years/Male
 Reg. No
 : 0312402150008

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

Referring Customer : V CARE MEDICAL DIAGNOSTICS Collected On : 15-Feb-2024 09:48 AM
Primary Sample : Whole Blood Received On : 15-Feb-2024 01:06 PM
Sample Tested In : Serum Reported On : 15-Feb-2024 02:32 PM

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

CLINICAL BIOCHEMISTRY						
Test Name	Results	Units	Ref. Range	Method		
Kidney Profile-KFT						
Creatinine -Serum	0.78	mg/dL	0.70-1.30	Sarcosine oxidase		
Urea-Serum	17.4	mg/dL	17.1-49.2	Glutamate dehydrogenase+Calculation		
Blood Urea Nitrogen (BUN)	8.11	mg/dL	8.0-23.0	Calculated		
BUN / Creatinine Ratio	10.40		6 - 22			
Uric Acid	5.2	mg/dL	3.5-7.2	Uricase		
Sodium	141	mmol/L	136-145	ISE Direct		
Potassium	4.0	mmol/L	3.5-5.1	ISE Direct		
Chloride	99	mmol/L	98-108	ISE Direct		

Interpretation:

• The kidneys, located in the retroperitoneal space in the abdomen, are vital for patient health. They process several hundred liters of fluid a day and remove around two liters of waste products from the bloodstream. The volume of fluid that passes though the kidneys each minute is closely linked to cardiac output. The kidneys maintain the body's balance of water and concentration of minerals such as sodium, potassium, and phosphorus in blood and remove waste by-products from the blood after digestion, muscle activity and exposure to chemicals or medications. They also produce renin which helps regulate blood pressure, produce erythropoietin which stimulates red blood cell production, and produce an active form of vitamin D, needed for bone health.

Correlate Clinically.

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*** End Of Report ***







