

**REPORT**

Name	: Mr. E VENKATESHWAR RAO	Sample ID	: 24753507
Age/Gender	: 71 Years/Male	Reg. No	: 0312311060009
Referred by	: Dr. PATNAYAK	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 06-Nov-2023 08:16 AM
Primary Sample	: Whole Blood	Received On	: 06-Nov-2023 12:54 PM
Sample Tested In	: Citrated Plasma	Reported On	: 06-Nov-2023 03:06 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

**HAEMATOLOGY**

Test Name	Results	Units	Ref. Range	Method
<b>PROTHROMBIN TIME (P TIME)</b>				
PT-Patient Value	14.8	Secs	10-15	Photo Optical Clot Detection
PT-Mean Control Value	13.00	Seconds		
PT Ratio	1.14			
PT INR	1.20		0.9-1.2	

**Interpretation :**

Prothrombin time measures the extrinsic coagulation pathway which consists of activated Factor VII (VIIa), Tissue factor and Proteins of the common pathway (Factors X, V, II & Fibrinogen). This assay is used to control long term oral anticoagulant therapy, evaluation of liver function & to evaluate coagulation disorders specially factors involved in the extrinsic pathway like Factors V, VII, X, Prothrombin & Fibrinogen.

**Note**

1. INR is the parameter of choice in monitoring adequacy of oral anticoagulant therapy. Appropriate therapeutic range varies with the disease and treatment intensity
2. Prolonged INR suggests potential bleeding disorder / bleeding complications
3. Results should be clinically correlated
4. Test conducted on Citrated plasma



**REPORT**

Name	: Mr. E VENKATESHWAR RAO	Sample ID	: 24753508, 24753518
Age/Gender	: 71 Years/Male	Reg. No	: 0312311060009
Referred by	: Dr. PATNAYAK	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 06-Nov-2023 08:16 AM
Primary Sample	: Whole Blood	Received On	: 06-Nov-2023 12:54 PM
Sample Tested In	: Plasma-NaF(F), Plasma-NaF(PP)	Reported On	: 06-Nov-2023 02:26 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
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**Glucose Fasting (F)** 94 mg/dL 70-100 GOD-POD

Interpretation of Plasma Glucose based on ADA guidelines 2018

Diagnosis	Fasting Plasma Glucose(mg/dL)	2hrs Plasma 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

**Glucose Post Prandial (PP)** 102 mg/dL 70-140 Hexokinase (HK)

Interpretation of Plasma Glucose based on ADA guidelines 2018

Diagnosis	Fasting Plasma Glucose(mg/dL)	2hrs Plasma 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

- Postprandial glucose level is a screening test for Diabetes Mellitus
- 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 \*\*\*

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*Dr. Vaishnavi*  
**DR. VAISHNAVI**  
**MD BIOCHEMISTRY**

**REPORT**

Name	: Mr. E VENKATESHWAR RAO	Sample ID	: 24753537
Age/Gender	: 71 Years/Male	Reg. No	: 0312311060009
Referred by	: Dr. PATNAYAK	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 06-Nov-2023 08:16 AM
Primary Sample	: Whole Blood	Received On	: 06-Nov-2023 12:54 PM
Sample Tested In	: Whole Blood EDTA	Reported On	: 06-Nov-2023 03:14 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

**CLINICAL BIOCHEMISTRY**

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

Correlate Clinically.

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\*\*\* End Of Report \*\*\*



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