

**REPORT**

Name	: Mrs. ASMA	Sample ID	: A0013213, A0013214
Age/Gender	: 48 Years/Female	Reg. No	: 0312402030026
Referred by	: Dr. VIJAY MOHAN	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 03-Feb-2024 12:46 PM
Primary Sample	: Whole Blood	Received On	: 03-Feb-2024 03:48 PM
Sample Tested In	: Plasma-NaF(F), Plasma-NaF(PP)	Reported On	: 03-Feb-2024 05:25 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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<b>Glucose Fasting (F)</b>	<b>105</b>	<b>mg/dL</b>	<b>70-100</b>	<b>GOD-POD</b>
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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

<b>Glucose Post Prandial (PP)</b>	<b>357</b>	<b>mg/dL</b>	<b>70-140</b>	<b>Hexokinase (HK)</b>
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Interpretation of Plasma Glucose based on ADA guidelines 2018

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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.

Result rechecked and verified for abnormal cases

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

Laboratory is NABL Accredited


  
**DR.VAISHNAVI**  
**MD BIOCHEMISTRY**

**REPORT**

Name	: Mrs. ASMA	Sample ID	: A0013216
Age/Gender	: 48 Years/Female	Reg. No	: 0312402030026
Referred by	: Dr. VIJAY MOHAN	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 03-Feb-2024 12: 46 PM
Primary Sample	: Whole Blood	Received On	: 03-Feb-2024 03: 44 PM
Sample Tested In	: Whole Blood EDTA	Reported On	: 03-Feb-2024 05: 47 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>	<b>10.1</b>	%	Non Diabetic:< 5.7 Pre diabetic: 5.7-6.4 Diabetic:>= 6.5	HPLC
<b>Mean Plasma Glucose</b>	243.17	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.

Result rechecked and verified for abnormal cases  
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\*\*\* End Of Report \*\*\*



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