

**REPORT**

Name	: Mr. SHOW REDDY	Sample ID	: A0590920, A0590911
Age/Gender	: 54 Years/Male	Reg. No	: 0312408170003
Referred by	: Dr. SELF	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 17-Aug-2024 09:39 AM
Primary Sample	: Whole Blood	Received On	: 17-Aug-2024 12:55 PM
Sample Tested In	: Plasma-NaF(F), Serum	Reported On	: 17-Aug-2024 02:55 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

**CLINICAL BIOCHEMISTRY**

Test Name	Results	Units	Ref. Range	Method
<b>Glucose Fasting (F)</b>	<b>112</b>	<b>mg/dL</b>	<b>70-100</b>	<b>Hexokinase</b>

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

**Electrolyte Profile-Serum**

Sodium	138	mmol/L	135-150	ISE Direct
Potassium	5.1	mmol/L	3.5-5.0	ISE Direct
Chloride	101	mmol/L	94-110	ISE Direct

**Clinical significance:**

- Prevents dehydration.
- Maintain the acid-base balance (body pH).
- Maintain the osmotic pressure.
- Body working normally.
- It regulates heart rhythm.
- Regulate muscle contractions.
- Help the brain function.
- Cells can generate energy.

Note:Separate serum or plasma from cells within 45 minutes of collection; avoid hemolysis.

Correlate Clinically.

Result rechecked and verified for abnormal cases

Laboratory is NABL Accredited

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



*Dr. Vaishnavi*  
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**MD BIOCHEMISTRY**