

**REPORT**

Name	: Mrs. B UMA RANI	Sample ID	: A0933959, A0933900, A02872
Age/Gender	: 57 Years/Female	Reg. No	: 0312409050015
Referred by	: Dr. G.BALA RAJU. M.D.(GENERAL MEDICINE))	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 05-Sep-2024 08:17 AM
Primary Sample	: Whole Blood	Received On	: 05-Sep-2024 12:43 PM
Sample Tested In	: Plasma-NaF(F), Plasma-NaF(PP),	Reported On	: 05-Sep-2024 01:36 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>113</b>	<b>mg/dL</b>	<b>70-100</b>	<b>Hexokinase</b>

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>130</b>	<b>mg/dL</b>	<b>70-140</b>	<b>Hexokinase (HK)</b>
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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.



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

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**CLINICAL BIOCHEMISTRY**

Test Name	Results	Units	Ref. Range	Method
Uric Acid	3.5	mg/dL	2.6-6.0	Uricase

**Interpretation:**

- Uric acid is a chemical created when the body breaks down substances called purines. Purines are normally produced in the body and are also found in some foods and drinks. Foods with high content of purines include liver, anchovies, mackerel, dried beans and peas, and beer. Most uric acid dissolves in blood and travels to the kidneys. From there, it passes out in urine. If your body produces too much uric acid or does not remove enough if it, you can get sick. A high level of uric acid in the blood is called hyperuricemia. This test checks to see how much uric acid you have in your blood. Investigation and monitoring of inflammatory arthritis pain, particularly in big toe (gout)
- Useful in the investigation of kidney stones
- Aid in diagnosis, treatment, and monitoring of renal failure/disease
- Monitor patients receiving cytotoxic drugs (high nucleic acid turnover)
- Monitor diseases with nucleic acid metabolism and turnover (eg, leukemia, lymphoma, polycythemia)



Correlate Clinically.

Result rechecked and verified for abnormal cases

Laboratory is NABL Accredited

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



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