SagePath®
Excellence In Health Care

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 | : Mrs. JANAKI | Sample ID | : A0590909, A0590912, A05909 |
| Age/Gender | : 32 Years/Female | Reg. No | : 0312408170002 |
| Referred by | : Dr. PRAKASH | SPP Code | : SPL-CV-172 |
| Referring Customer | : V CARE MEDICAL DIAGNOSTICS | Collected On | : 17-Aug-2024 09:04 AM |
| Primary Sample | : Whole Blood | Received On | : 17-Aug-2024 12:55 PM |
| Sample Tested In | : Plasma-NaF(F), Plasma-NaF(PP), | Reported On | : 17-Aug-2024 01:47 PM |
| Client Address | : Kimtee colony ,Gokul Nagar,Tarnaka | Report Status | : Final Report |

## CLINICAL BIOCHEMISTRY

| Test Name | Results | Units | Ref. Range | Method |
|---|---|---|---|---|
| **Glucose Fasting (F)** | **101** | mg/dL | 70-100 | Hexokinase |

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

| | | | | |
|---|---|---|---|---|
| **Glucose Post Prandial (PP)** | 130 | mg/dL | 70-140 | Hexokinase (HK) |

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

- 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.

MC 3633

DR.VAISHNAVI
MD BIOCHEMISTRY

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## CLINICAL BIOCHEMISTRY

| Test Name | Results | Units | Ref. Range | Method |
|---|---|---|---|---|
| **Uric Acid** | 3.3 | 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)

| | | | | |
|---|---|---|---|---|
| **Vitamin- B12 (cyanocobalamin)** | 389 | pg/mL | 200-911 | CLIA |

**Interpretation:**
This test is most often done when other blood tests suggest a condition called megaloblastic anemia. Pernicious anemia is a form of megaloblastic anemia caused by poor vitamin B12 absorption. This can occur when the stomach makes less of the substance the body needs to properly absorb vitamin B12.
**Causes of vitamin B12 deficiency include:Diseases that cause malabsorption**

- Lack of intrinsic factor, a protein that helps the intestine absorb vitamin B12
- Above normal heat production (for example, with hyperthyroidism)

**An increased vitamin B12 level is uncommon in:**

- Liver disease (such as cirrhosis or hepatitis)
- Myeloproliferative disorders (for example, polycythemia vera and chronic myelogenous leukemia)
-

*** End Of Report ***

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Correlate Clinically.

Result rechecked and verified for abnormal cases
Laboratory is NABL Accredited