

Registered Office:- # Plot No. 564, 1st floor, Buddhanagar, Near Sai Baba Temple Peerzadiguda Boduppal Hyderabad, Telangana.

ICMR Reg .No. SAPALAPVLHT (Covid -19)

Ph:- 040-40125441, Email:- info@sagepathlabs.com

Website:- www.sagepathlabs.com

REPORT

Name : Mrs. PHILOMENA Age/Gender : 68 Years/Female

Referred by : Dr. SELF

Referring Customer : V CARE MEDICAL DIAGNOSTICS

Primary Sample

Sample Tested In : Urine

Client Address : Kimtee colony ,Gokul Nagar,Tarnaka Sample ID : 24217012

Reg. No : 0312309210018

SPP Code : SPL-CV-172

Collected On : 21-Sep-2023 10:07 AM

Received On : 21-Sep-2023 12:10 PM

: 21-Sep-2023 04:31 PM Reported On

: Final Report Report Status

## **CLINICAL BIOCHEMISTRY**

## **GLUCOSE FASTING**

Test Name	Results	Units	Ref. Range	Method
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**Fasting Urine Glucose** (++)Negative **Automated Strip Test** 









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Collected On

REPORT

: Mrs. PHILOMENA Name Sample ID : 24217159, 24217161 Age/Gender : 68 Years/Female Reg. No : 0312309210018 SPP Code : SPL-CV-172

Referred by : Dr. SELF

Referring Customer: V CARE MEDICAL DIAGNOSTICS

Primary Sample : 21-Sep-2023 03:39 PM : Whole Blood Received On

: Plasma-NaF(F), Plasma-NaF(PP) Sample Tested In Reported On : 21-Sep-2023 04:55 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

Glucose Fasting (F) 234 mg/dL 70-100 **GOD-POD** 

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	II I	>=200(with symptoms)

Reference: Diabetes care 2018:41(suppl.1):S13-S27

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

Interpretation of Plasma Glucose based on ADA guidelines 2018

	J	2hrsPlasma Glucose(mg/dL)	HbA1c(%)	RBS(mg/dL)
Prediabetes	100-125	140-199	5.7-6.4	NA
Diabetes	>= 126	>= 200		>=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











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: 24217162

ICMR Reg .No. SAPALAPVLHT (Covid -19)

Ph:- 040-40125441, Email:- info@sagepathlabs.com

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Sample ID

REPORT

Name : Mrs. PHILOMENA

Age/Gender : 68 Years/Female Reg. No : 0312309210018 SPP Code : SPL-CV-172

Referred by : Dr. SELF

Referring Customer : V CARE MEDICAL DIAGNOSTICS Collected On : 21-Sep-2023 10:07 AM

Primary Sample : Whole Blood Received On : 21-Sep-2023 12:10 PM Sample Tested In : Whole Blood EDTA Reported On : 21-Sep-2023 12:51 PM

: Final Report Client Address : Kimtee colony ,Gokul Nagar,Tarnaka Report Status

CLINICAL BIOCHEMISTRY					
Test Name	Results	Units	Ref. Range	Method	
Glycated Hemoglobin (HbA1c)	12.4	%	Non Diabetic: < 5.7 Pre diabetic: 5.7-6.4 Diabetic: >= 6.5	HPLC	
Mean Plasma Glucose	309.18	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

Result rechecked and verified for abnormal cases

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

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Registered Office:- # Plot No. 564, 1st floor, Buddhanagar, Near Sai Baba Temple Peerzadiguda Boduppal Hyderabad, Telangana.

: 24217160

ICMR Reg .No. SAPALAPVLHT (Covid -19)

Ph:- 040-40125441, Email:- info@sagepathlabs.com

Website:- www.sagepathlabs.com

Name : Mrs. PHILOMENA

Age/Gender : 68 Years/Female

Referred by : Dr. SELF

Referring Customer : V CARE MEDICAL DIAGNOSTICS

: Whole Blood Primary Sample

Sample Tested In : Serum Client Address : Kimtee colony ,Gokul Nagar,Tarnaka SPP Code

Sample ID

Reg. No

: 0312309210018 : SPL-CV-172

Collected On

: 21-Sep-2023 10:07 AM

Received On

: 21-Sep-2023 12:10 PM : 21-Sep-2023 02:21 PM

Reported On Report Status

: Final Report

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CLIN	ICAL	DIU	CUEIN	IISTRY

Test Name	Results	Units	Ref. Range	Method	
Thyroid Profile-I(TFT)					
T3 (Triiodothyronine)	97.36	ng/dL	40-181	CLIA	
T4 (Thyroxine)	8.2	μg/dL	3.2-12.6	CLIA	
TSH -Thyroid Stimulating Hormone	7.20	μIU/mL	0.35-5.5	CLIA	

#### Pregnancy & Cord Blood

T3 (Triiodothyronine):	T4 (Thyroxine)	TSH (Thyroid Stimulating Hormone)
First Trimester : 81-190 ng/dL	15 to 40 weeks:9.1-14.0 μg/dL	First Trimester : 0.24-2.99 µIU/mL
Second&Third Trimester :100-260 ng/dL		Second Trimester: 0.46-2.95 µIU/mL
		Third Trimester : 0.43-2.78 µIU/mL
Cord Blood: 30-70 ng/dL	Cord Blood: 7.4-13.0 μg/dL	Cord Blood: : 2.3-13.2 µIU/mL

#### **Interpretation:**

- Thyroid gland is a butterfly-shaped endocrine gland that is normally located in the lower front of the neck. The thyroid's job is to make thyroid hormones, which are secreted into the blood and then carried to every tissue in the body. Thyroid hormones help the body use energy, stay warm and keep the brain, heart, muscles, and other organs working as they should.
- Thyroid produces two major hormones: triiodothyronine (T3) and thyroxine (T4). If thyroid gland doesn't produce enough of these hormones, you may experience symptoms such as weight gain, lack of energy, and depression. This condition is called hypothyroidism.
- Thyroid gland produces too many hormones, you may experience weight loss, high levels of anxiety, tremors, and a sense of being on a high. This is called hyperthyroidism
- TSH interacts with specific cell receptors on the thyroid cell surface and exerts two main actions. The first action is to stimulate cell reproduction and hypertrophy. Secondly, TSH stimulates the thyroid gland to synthesize and secrete T3 and T4.
- The ability to quantitate circulating levels of TSH is important in evaluating thyroid function. It is especially useful in the differential diagnosis of primary (thyroid) from secondary (pituitary) and tertiary (hypothalamus) hypothyroidism. In primary hypothyroidism, TSH levels are significantly elevated, while in secondary and tertiary hypothyroidism, TSH levels are low.











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Clear

Negative

REPORT

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Age/Gender : 68 Years/Female Reg. No : 0312309210018

Referred by : Dr. SELF SPP Code : SPL-CV-172

Referring Customer : V CARE MEDICAL DIAGNOSTICS Collected On : 21-Sep-2023 10:07 AM
Primary Sample : Received On : 21-Sep-2023 12:10 PM

Primary Sample : Received On : 21-Sep-2023 12:10 PM Sample Tested In : Urine Reported On : 21-Sep-2023 02:42 PM

Client Address : Kimtee colony ,Gokul Nagar,Tarnaka Report Status : Final Report

## **CLINICAL PATHOLOGY**

Test Name	Results	Units	Ref. Range	Method

# **Complete Urine Analysis (CUE)**

# **Physical Examination**

Colour Pale Yellow Straw to light amber

Clear

Negative

# **Chemical Examination**

Appearance

**Nitrites** 

Strip Reflectance Glucose (++)Negative Protein (+) Negative Strip Reflectance Bilirubin (Bile) Negative Negative Strip Reflectance Urobilinogen Negative Negative Ehrlichs reagent Ketone Bodies Negative Negative Strip Reflectance Specific Gravity 1.030 1.000 - 1.030 Strip Reflectance Blood Negative Negative Strip Reflectance

Reaction (pH) 6.5 5.0 - 8.5 Reagent strip Reflectance - Double indicator Principle

Leukocyte esterase Negative Negative Reagent Strip Reflectance

Microscopic Examination (Microscopy)

PUS(WBC) Cells 02-04 /hpf 00-05 Microscopy R.B.C. Nil /hpf Nil Microscopic **Epithelial Cells** 01-02 /hpf 00-05 Microscopic Casts Absent Absent Microscopic Absent Absent Microscopic Crystals Nil Nil Bacteria **Budding Yeast Cells** Nil Absent Microscopy

Others - Microscopic

## Comments :

Urine analysis is one of the most useful laboratory tests as it identifies a wide range of medical conditions including renal damage, urinary tract infections, diabetes, hypertension and drug toxicity.

### Correlate Clinically.

Result rechecked and verified for abnormal cases

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







Swarnabala - M DR.SWARNA BALA MD PATHOLOGY

Strip Reflectance