

**REPORT**

Name	: Mr. PREMAIAH	Sample ID	: A0644098
Age/Gender	: 71 Years/Male	Reg. No	: 0312407230003
Referred by	: Dr. PRADEEP DESHPANDE	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 23-Jul-2024 07:57 AM
Primary Sample	:	Received On	: 23-Jul-2024 12:02 PM
Sample Tested In	: Urine	Reported On	: 23-Jul-2024 02:50 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

**CLINICAL BIOCHEMISTRY**

**GLUCOSE FASTING**

Test Name	Results	Units	Ref. Range	Method
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<b>Fasting Urine Glucose</b>	Negative		Negative	Automated Strip Test
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*Vaishnavi*  
**DR.VAISHNAVI**  
**MD BIOCHEMISTRY**

**REPORT**

Name	: Mr. PREMAIAH	Sample ID	: A0590172, A0590171
Age/Gender	: 71 Years/Male	Reg. No	: 0312407230003
Referred by	: Dr. PRADEEP DESHPANDE	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 23-Jul-2024 07:57 AM
Primary Sample	: Whole Blood	Received On	: 23-Jul-2024 01:01 PM
Sample Tested In	: Plasma-NaF(F), Serum	Reported On	: 23-Jul-2024 04:19 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>	85	mg/dL	70-100	Hexokinase

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

**Blood Urea Nitrogen (BUN)-Serum**

Blood Urea Nitrogen (BUN)	11	mg/dL	8.0-23.0	Calculated
Urea-Serum	23.6	mg/dL	17.1-49.2	Calculated

**Interpretation:**

BUN stands for blood urea nitrogen. Urea nitrogen is what forms when protein breaks down. The BUN test is often done to check kidney function

- **Higher-than-normal level may be due to:**
  - Congestive heart failure
  - Excessive protein level in the gastrointestinal tract
  - Gastrointestinal bleeding
  - Hypovolemia (dehydration)
  - Kidney disease, including glomerulonephritis, pyelonephritis, and acute tubular necrosis
- **Lower-than-normal level may be due to:**
  - Liver failure
  - Low protein diet
  - Malnutrition

<b>Creatinine -Serum</b>	1.12	mg/dL	0.70-1.30	Jaffes Kinetic
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**Interpretation:**

- This test is done to see how well your kidneys are working. Creatinine is a chemical waste product of creatine. Creatine is a chemical made by the body and is used to supply energy mainly to muscles.
- **A higher than normal level may be due to:**
- Renal diseases and insufficiency with decreased glomerular filtration, urinary tract obstruction, reduced renal blood flow including congestive heart failure, shock, and dehydration; rhabdomyolysis can cause elevated serum creatinine.
- **A lower than normal level may be due to:**
- Small stature, debilitation, decreased muscle mass; some complex cases of severe hepatic disease can cause low serum creatinine levels. In advanced liver disease, low creatinine may result from decreased hepatic production of creatinine and inadequate dietary protein as well as reduced muscle mass.



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Primary Sample	:	Received On	: 23-Jul-2024 12:02 PM
Sample Tested In	: Urine	Reported On	: 23-Jul-2024 12:38 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

**CLINICAL PATHOLOGY**

Test Name	Results	Units	Ref. Range	Method
<b>Complete Urine Analysis (CUE)</b>				
<b>Physical Examination</b>				
Colour	Pale Yellow		Straw to light amber	
Appearance	Clear		Clear	
<b>Chemical Examination</b>				
Glucose	Negative		Negative	Strip Reflectance
Protein	Absent		Negative	Strip Reflectance
Bilirubin (Bile)	Negative		Negative	Strip Reflectance
Urobilinogen	Negative		Negative	Ehrlichs reagent
Ketone Bodies	Negative		Negative	Strip Reflectance
Specific Gravity	1.025		1.000 - 1.030	Strip Reflectance
Blood	Negative		Negative	Strip Reflectance
Reaction (pH)	6.5		5.0 - 8.5	Reagent Strip Reflectance
Nitrites	Negative		Negative	Strip Reflectance
Leukocyte esterase	Negative		Negative	Reagent Strip Reflectance
<b>Microscopic Examination (Microscopy)</b>				
PUS(WBC) Cells	03-04	/hpf	00-05	Microscopy
R.B.C.	Nil	/hpf	Nil	Microscopic
Epithelial Cells	01-02	/hpf	00-05	Microscopic
Casts	Absent		Absent	Microscopic
Crystals	Absent		Absent	Microscopic
Bacteria	Nil		Nil	
Budding Yeast Cells	Nil		Absent	Microscopy

**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.

Laboratory is NABL Accredited

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



Swannabala - M  
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