

**REPORT**

Name	: Mrs. RAMA KUMARI	Sample ID	: 24754180
Age/Gender	: 72 Years/Female	Reg. No	: 0312312140028
Referred by	: Dr. Nivedita Ashrit MD (Obs/Gyn)	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 14-Dec-2023 12:13 PM
Primary Sample	:	Received On	: 14-Dec-2023 01:41 PM
Sample Tested In	: Urine	Reported On	: 16-Dec-2023 12:20 PM
Client Address	: Kimtee colony ,Gokul Nagar ,Tarnaka	Report Status	: Final Report

**MICROBIOLOGY**

**Culture and Sensitivity, Urine**

Organism isolated Escherichia coli  
Colony Count >10<sup>5</sup> cfu/ml

**Antibiogram**

Antibiotics	Interpretation
Amikacin	Sensitive
Amoxyclav	Resistant
Cefixime	Resistant
Ceftazidime	Resistant
Cefuroxime	Resistant
Ciprofloxacin	Resistant
Gentamicin	Sensitive
Imipenem	Sensitive
Nitrofurantoin	Sensitive
Norfloxacin	Resistant
Ofloxacin	Resistant
Trimethoprim-sulfamethoxazole	Resistant
Levofloxacin	Resistant

**ABST As per CLSI Guidelines.**

Method : Aerobic Culture ABST; Disc Diffusion Method



**DR. RUTURAJ MANIKLAL KOLHAPURE**  
MD, MICROBIOLOGIST

**REPORT**

Name	: Mrs. RAMA KUMARI	Sample ID	: 24754197, 24754198
Age/Gender	: 72 Years/Female	Reg. No	: 0312312140028
Referred by	: Dr. Nivedita Ashrit MD (Obs/Gyn)	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 14-Dec-2023 12:13 PM
Primary Sample	: Whole Blood	Received On	: 14-Dec-2023 01:41 PM
Sample Tested In	: Plasma-NaF(R), Serum	Reported On	: 14-Dec-2023 03:25 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

**CLINICAL BIOCHEMISTRY**

Test Name	Results	Units	Ref. Range	Method
<b>Glucose Random (RBS)</b>	<b>215</b>	<b>mg/dL</b>	<b>70-140</b>	<b>Hexokinase (HK)</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

- The random blood glucose if it is above 200 mg/dL and the patient has increased thirst, polyuria, and polyphagia, suggests diabetes mellitus.
- As a rule, two-hour glucose samples will reach the fasting level or it will be in the normal range.

<b>Creatinine -Serum</b>	<b>0.68</b>	<b>mg/dL</b>	<b>0.60-1.20</b>	<b>Sarcosine oxidase</b>
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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.

Result rechecked and verified for abnormal cases

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

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

**REPORT**

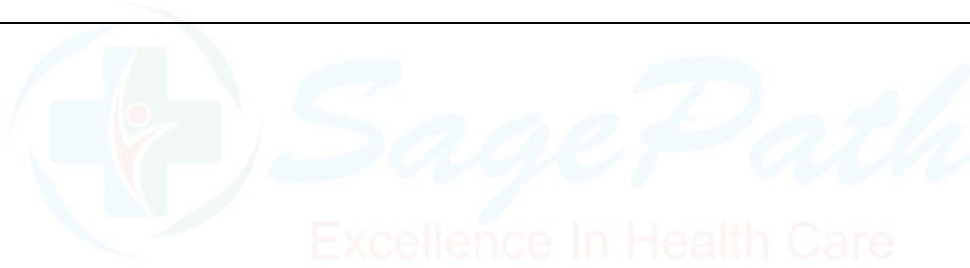
Name	: Mrs. RAMA KUMARI	Sample ID	: 24754200
Age/Gender	: 72 Years/Female	Reg. No	: 0312312140028
Referred by	: Dr. Nivedita Ashrit MD (Obs/Gyn)	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 14-Dec-2023 12:13 PM
Primary Sample	: Whole Blood	Received On	: 14-Dec-2023 01:41 PM
Sample Tested In	: Whole Blood EDTA	Reported On	: 14-Dec-2023 02:28 PM
Client Address	: Kimtee colony ,Gokul Nagar ,Tarnaka	Report Status	: Final Report

**CLINICAL BIOCHEMISTRY**

Test Name	Results	Units	Ref. Range	Method
<b>Glycated Hemoglobin (HbA1c)</b>	<b>7.8</b>	<b>%</b>	Non Diabetic:< 5.7 Pre diabetic: 5.7-6.4 Diabetic:>= 6.5	HPLC
<b>Mean Plasma Glucose</b>	<b>177.16</b>	<b>mg/dL</b>		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



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

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Primary Sample	:	Received On	: 14-Dec-2023 01:41 PM
Sample Tested In	: Urine	Reported On	: 14-Dec-2023 02:47 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	HAZY		Clear	
<b>Chemical Examination</b>				
Glucose	Negative		Negative	Strip Reflectance
Protein	(+)		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)	7.0		5.0 - 8.5	Reagent strip Reflectance - Double indicator Principle
Nitrites	Negative		Negative	Strip Reflectance
Leukocyte esterase	(+)		Negative	Reagent Strip Reflectance
<b>Microscopic Examination (Microscopy)</b>				
PUS(WBC) Cells	06-08	/hpf	00-05	Microscopy
R.B.C.	Nil	/hpf	Nil	Microscopic
Epithelial Cells	02-03	/hpf	00-05	Microscopic
Casts	Absent		Absent	Microscopic
Crystals	Absent		Absent	Microscopic
Bacteria	Nil		Nil	
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 \*\*\*



\*TESTS CONDUCTED @ CENTRAL LAB, HYDERABAD

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MD PATHOLOGY