

**REPORT**

Name	: Mr. V RAMULU	Sample ID	: A0287190
Age/Gender	: 64 Years/Male	Reg. No	: 0312406240046
Referred by	: Dr. SRI SAILAM	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 24-Jun-2024 11:47 AM
Primary Sample	:	Received On	: 24-Jun-2024 12:45 PM
Sample Tested In	: Urine	Reported On	: 24-Jun-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
-----------	---------	-------	------------	--------

<b>Fasting Urine Glucose</b>	++		Negative	Automated Strip Test
------------------------------	----	--	----------	----------------------



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

**REPORT**

Name	: Mr. V RAMULU	Sample ID	: A0643543
Age/Gender	: 64 Years/Male	Reg. No	: 0312406240046
Referred by	: Dr. SRI SAILAM	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 24-Jun-2024 11:47 AM
Primary Sample	: Whole Blood	Received On	: 24-Jun-2024 12:56 PM
Sample Tested In	: Plasma-NaF(F)	Reported On	: 25-Jun-2024 05:15 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

**CLINICAL BIOCHEMISTRY**

**GLUCOSE FASTING**

Test Name	Results	Units	Ref. Range	Method
-----------	---------	-------	------------	--------

<b>Glucose Fasting (F)</b>	<b>736</b>	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

Result rechecked and verified for abnormal cases

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

Laboratory is NABL Accredited



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

**REPORT**

Name	: Mr. V RAMULU	Sample ID	: A0643542
Age/Gender	: 64 Years/Male	Reg. No	: 0312406240046
Referred by	: Dr. SRI SAILAM	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 24-Jun-2024 11:47 AM
Primary Sample	: Whole Blood	Received On	: 24-Jun-2024 12:45 PM
Sample Tested In	: Whole Blood EDTA	Reported On	: 24-Jun-2024 01:14 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

**CLINICAL BIOCHEMISTRY**

Test Name	Results	Units	Ref. Range	Method
Glycated Hemoglobin (HbA1c)	11.0	%	Non Diabetic:< 5.7 Pre diabetic: 5.7-6.4 Diabetic:>= 6.5	HPLC
Mean Plasma Glucose	269	mg/dL		Calculated

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

**NOTE: The above Given Risk Level Interpretation is not age specific and is an information resource only and is not to be used or relied on for any diagnostic or treatment purposes and should not be used as a substitute for professional diagnosis and treatment. Kindly Correlate clinically.**

**INTERPRETATION**

**Method: Analyzer Fully automated HPLC platform.**

Average Blood Glucose (eAG) (mg/dL)	Level of Control	Hemoglobin A1c (%)
421		14%
386		13%
350		12%
314		11%
279		10%
243		9%
208		8%
172	POOR	7%
136	GOOD	6%
101	EXCELLENT	5%

HbA1c values of 5.0- 6.5 percent indicate good control or an increased risk for developing diabetes mellitus. HbA1c values greater than 6.5 percent are diagnostic of diabetes mellitus. Diagnosis should be confirmed by repeating the HbA1c test.

**NOTE: Hb F higher than 10 percent of total Hb may yield falsely low results. Conditions that shorten red cell survival, such as the presence of unstable hemoglobins like Hb SS, Hb CC, and Hb SC, or other causes of hemolytic anemia may yield falsely low results. Iron deficiency anemia may yield falsely high results.**

Result rechecked and verified for abnormal cases

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

Laboratory is NABL Accredited



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

**REPORT**

Name	: Mr. V RAMULU	Sample ID	: A0643541
Age/Gender	: 64 Years/Male	Reg. No	: 0312406240046
Referred by	: Dr. SRI SAILAM	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 24-Jun-2024 11:47 AM
Primary Sample	: Whole Blood	Received On	: 24-Jun-2024 12:56 PM
Sample Tested In	: Serum	Reported On	: 24-Jun-2024 01:48 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

**CLINICAL BIOCHEMISTRY**

Test Name	Results	Units	Ref. Range	Method
<b>Kidney Profile-KFT</b>				
Creatinine -Serum	1.11	mg/dL	0.70-1.30	Sarcosine oxidase
Urea-Serum	23.5	mg/dL	17.1-49.2	Glutamate dehydrogenase+Calculation
Blood Urea Nitrogen (BUN)	10.98	mg/dL	8.0-23.0	Calculated
BUN / Creatinine Ratio	9.89		6 - 22	
Uric Acid	4.8	mg/dL	3.5-7.2	Uricase
Sodium	136	mmol/L	136-145	ISE Direct
Potassium	4.5	mmol/L	3.5-5.1	ISE Direct
Chloride	98	mmol/L	98-108	ISE Direct

**Interpretation:**

- The kidneys, located in the retroperitoneal space in the abdomen, are vital for patient health. They process several hundred liters of fluid a day and remove around two liters of waste products from the bloodstream. The volume of fluid that passes through the kidneys each minute is closely linked to cardiac output. The kidneys maintain the body's balance of water and concentration of minerals such as sodium, potassium, and phosphorus in blood and remove waste by-products from the blood after digestion, muscle activity and exposure to chemicals or medications. They also produce renin which helps regulate blood pressure, produce erythropoietin which stimulates red blood cell production, and produce an active form of vitamin D, needed for bone health.



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



**REPORT**

Name	: Mr. V RAMULU	Sample ID	: A0287190
Age/Gender	: 64 Years/Male	Reg. No	: 0312406240046
Referred by	: Dr. SRI SAILAM	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 24-Jun-2024 11:47 AM
Primary Sample	:	Received On	: 24-Jun-2024 12:45 PM
Sample Tested In	: Urine	Reported On	: 24-Jun-2024 02:39 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	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	1.005		1.000 - 1.030	Strip Reflectance
Blood	Negative		Negative	Strip Reflectance
Reaction (pH)	6.0		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	02-03	/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  
DR.SWARNA BALA  
MD PATHOLOGY