

**REPORT**

Name	: Mr. DANIEL PAUL	Sample ID	: A0093356
Age/Gender	: 76 Years/Male	Reg. No	: 0312402200016
Referred by	: Dr. SELF	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 20-Feb-2024 10:20 AM
Primary Sample	: Whole Blood	Received On	: 20-Feb-2024 12:41 PM
Sample Tested In	: Serum	Reported On	: 20-Feb-2024 02:46 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	0.92	mg/dL	0.70-1.30	Sarcosine oxidase
Urea-Serum	20.9	mg/dL	17.1-49.2	Glutamate dehydrogenase+Calculation
Blood Urea Nitrogen (BUN)	9.77	mg/dL	8.0-23.0	Calculated
BUN / Creatinine Ratio	10.62		6 - 22	
Uric Acid	5.8	mg/dL	3.5-7.2	Uricase
Sodium	136	mmol/L	136-145	ISE Direct
Potassium	3.8	mmol/L	3.5-5.1	ISE Direct
Chloride	100	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. DANIEL PAUL	Sample ID	: A0093325
Age/Gender	: 76 Years/Male	Reg. No	: 0312402200016
Referred by	: Dr. SELF	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 20-Feb-2024 10:20 AM
Primary Sample	:	Received On	: 20-Feb-2024 12:41 PM
Sample Tested In	: Urine	Reported On	: 20-Feb-2024 01:58 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)	6.0		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 \*\*\*



Swarnabala - M  
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