

LABORATORY TEST REPORT

Name	: Mr. SREENU RAVULA		
Sample ID	: A1840690		
Age/Gender	: 44 Years/Male	Reg. No	: 0312502110003
Referred by	: Dr. RAMAN BADDULA	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 11-Feb-2025 09:18 AM
Primary Sample	: Whole Blood	Received On	: 11-Feb-2025 12:59 PM
Sample Tested In	: Whole Blood EDTA	Reported On	: 11-Feb-2025 01:55 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report


HAEMATOLOGY

Test Name	Results	Units	Biological Reference Interval
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Complete Blood Picture(CBP)

 Haemoglobin (Hb) (Method: Cymeth Method)	18.0	g/dL	13-17
 Haematocrit (HCT) (Method: Calculated)	55.5	%	40-50
 RBC Count (Method: Cell Impedance)	6.05	10 ¹² /L	4.5-5.5
 MCV (Method: Calculated)	92	fl	81-101
 MCH (Method: Calculated)	29.8	pg	27-32
 MCHC (Method: Calculated)	32.5	g/dL	32.5-34.5
 RDW-CV (Method: Calculated)	14.2	%	11.6-14.0
 Platelet Count (PLT) (Method: Cell Impedance)	460	10 ⁹ /L	150-410
 Total WBC Count (Method: Impedance)	11.7	10 ⁹ /L	4.0-10.0

Differential Leucocyte Count (DC)

 Neutrophils (Method: Cell Impedance)	74	%	40-70
 Lymphocytes (Method: Cell Impedance)	21	%	20-40
 Monocytes (Method: Microscopy)	03	%	2-10
 Eosinophils (Method: Microscopy)	02	%	1-6
 Basophils (Method: Microscopy)	00	%	1-2
 Absolute Neutrophils Count (Method: Impedance)	8.66	10 ⁹ /L	2.0-7.0
 Absolute Lymphocyte Count (Method: Impedance)	2.46	10 ⁹ /L	1.0-3.0
 Absolute Monocyte Count (Method: Calculated)	0.35	10 ⁹ /L	0.2-1.0
 Absolute Eosinophils Count (Method: Calculated)	0.23	10 ⁹ /L	0.02-0.5
 Absolute Basophil ICount (Method: Calculated)	0.00	10 ⁹ /L	0.0-0.3

Morphology
(Method: PAPS Staining)

Erythrocytosis with Normocytic normochromic with Neutrophilic Leucocytosis with Mild Thrombocytosis



LABORATORY TEST REPORT

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Sample ID	: A1840694		
Age/Gender	: 44 Years/Male	Reg. No	: 0312502110003
Referred by	: Dr. RAMAN BADDULA	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 11-Feb-2025 09:18 AM
Primary Sample	:	Received On	: 11-Feb-2025 12:59 PM
Sample Tested In	: Urine	Reported On	: 11-Feb-2025 01:37 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report


CLINICAL PATHOLOGY

Test Name	Results	Units	Biological Reference Interval
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Complete Urine Analysis (CUE)
Physical Examination

Colour	Pale Yellow	Straw to light amber
Appearance	HAZY	Clear

Chemical Examination

Glucose (Method: Strip Reflectance)	Negative	Negative
Protein (Method: Strip Reflectance)	Negative	Negative
Bilirubin (Bile) (Method: Strip Reflectance)	Negative	Negative
Urobilinogen (Method: Ehrlich's reagent)	Negative	Negative
Ketone Bodies (Method: Strip Reflectance)	Negative	Negative
Specific Gravity (Method: Strip Reflectance)	1.015	1.000 - 1.030
Blood (Method: Strip Reflectance)	Negative	Negative
Reaction (pH) (Method: Reagent Strip Reflectance)	6.0	5.0 - 8.5
Nitrites (Method: Strip Reflectance)	Negative	Negative
Leukocyte esterase (Method: Reagent Strip Reflectance)	Negative	Negative

Microscopic Examination (Microscopy)

PUS(WBC) Cells (Method: Microscopy)	03-04	/hpf	00-05
R.B.C. (Method: Microscopic)	Nil	/hpf	Nil
Epithelial Cells (Method: Microscopic)	02-03	/hpf	00-05
Casts (Method: Microscopic)	Absent		Absent
Crystals (Method: Microscopic)	Absent		Absent
Bacteria	Nil		Nil
Budding Yeast Cells (Method: Microscopy)	Nil		Absent

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.


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 Swarnabala - M
 DR.SWARNA BALA
 MD PATHOLOGY

LABORATORY TEST REPORT

Name	: Mr. SREENU RAVULA		
Sample ID	: A1840689, A1840692		
Age/Gender	: 44 Years/Male	Reg. No	: 0312502110003
Referred by	: Dr. RAMAN BADDULA	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 11-Feb-2025 09:18 AM
Primary Sample	: Whole Blood	Received On	: 11-Feb-2025 12:59 PM
Sample Tested In	: Plasma-NaF(F), Plasma-NaF(PP)	Reported On	: 11-Feb-2025 02:15 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report


CLINICAL BIOCHEMISTRY
GLUCOSE POST PRANDIAL (PP)

Test Name	Results	Units	Biological Reference Interval
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Glucose Fasting (F) **183** mg/dL 70-100
 (Method: 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

Glucose Post Prandial (PP) **290** mg/dL 70-140
 (Method: Hexokinase (HK))

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

- 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.

*** End Of Report ***



Handwritten Signature
 DR. LAVANYA LAGISETTY
 MD BIOCHEMISTRY

LABORATORY TEST REPORT

Name	: Mr. SREENU RAVULA		
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Referred by	: Dr. RAMAN BADDULA	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 11-Feb-2025 09:18 AM
Primary Sample	: Whole Blood	Received On	: 11-Feb-2025 12:59 PM
Sample Tested In	: Serum	Reported On	: 11-Feb-2025 02:21 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report


CLINICAL BIOCHEMISTRY

Test Name	Results	Units	Biological Reference Interval
Kidney Profile-KFT			
 Creatinine (Method: Sarcosine Oxidase Method)	0.76	mg/dL	0.70-1.30
 Urea-Serum (Method: Urease-GLDH,UV Method)	26.0	mg/dL	12.8-42.8
 Blood Urea Nitrogen (BUN) (Method: Calculated)	12.14	mg/dL	7.0-18.0
BUN / Creatinine Ratio	15.97	Ratio	6 - 22
 Uric Acid (Method: Uricase)	3.65	mg/dL	3.5-7.2
 Sodium (Method: ISE Direct)	138	mmol/L	135-150
 Potassium (Method: ISE Direct)	3.9	mmol/L	3.5-5.0
 Chloride (Method: ISE Direct)	101	mmol/L	94-110

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.

*** End Of Report ***




 DR. LAVANYA LAGISETTY
 MD BIOCHEMISTRY

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