

LABORATORY TEST REPORT

Name	: Mr. ABHISHEK		
Sample ID	: A0787942		
Age/Gender	: 52 Years/Male	Reg. No	: 0312410250005
Referred by	: Dr. SELF	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 25-Oct-2024 09:08 AM
Primary Sample	: Whole Blood	Received On	: 25-Oct-2024 12:57 PM
Sample Tested In	: Whole Blood EDTA	Reported On	: 25-Oct-2024 01:11 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: Cynmeth Method)	10.8	g/dL	13-17
 Haematocrit (HCT) (Method: Calculated)	31.4	%	40-50
 RBC Count (Method: Cell Impedance)	3.60	10 ¹² /L	4.5-5.5
 MCV (Method: Calculated)	87	fl	81-101
 MCH (Method: Calculated)	29.9	pg	27-32
 MCHC (Method: Calculated)	34.3	g/dL	32.5-34.5
 RDW-CV (Method: Calculated)	15.8	%	11.6-14.0
 Platelet Count (PLT) (Method: Cell Impedance)	191	10 ⁹ /L	150-410
 Total WBC Count (Method: Impedance)	11.1	10 ⁹ /L	4.0-10.0

Differential Leucocyte Count (DC)

 Neutrophils (Method: Cell Impedance)	75	%	40-70
 Lymphocytes (Method: Cell Impedance)	20	%	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)	8.32	10 ⁹ /L	2.0-7.0
 Absolute Lymphocyte Count (Method: Impedance)	2.22	10 ⁹ /L	1.0-3.0
 Absolute Monocyte Count (Method: Calculated)	0.33	10 ⁹ /L	0.2-1.0
 Absolute Eosinophils Count (Method: Calculated)	0.22	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)

Anisocytosis with Normocytic normochromic with Neutrophilic Leucocytosis



LABORATORY TEST REPORT

Name	: Mr. ABHISHEK		
Sample ID	: A0787944		
Age/Gender	: 52 Years/Male	Reg. No	: 0312410250005
Referred by	: Dr. SELF	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 25-Oct-2024 09:08 AM
Primary Sample	:	Received On	: 25-Oct-2024 12:57 PM
Sample Tested In	: Urine	Reported On	: 25-Oct-2024 12:59 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
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)	1.020	1.000 - 1.030
Blood (Method: Strip Reflectance)	Negative	Negative
Reaction (pH) (Method: Reagent Strip Reflectance)	6.5	5.0 - 8.5
Nitrites (Method: Strip Reflectance)	Negative	Negative
Leukocyte esterase (Method: Reagent Strip Reflectance)	(+)	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)	01-02	/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. ABHISHEK		
Sample ID	: A0787943		
Age/Gender	: 52 Years/Male	Reg. No	: 0312410250005
Referred by	: Dr. SELF	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 25-Oct-2024 09:08 AM
Primary Sample	: Whole Blood	Received On	: 25-Oct-2024 01:01 PM
Sample Tested In	: Plasma-NaF(F)	Reported On	: 25-Oct-2024 02:20 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report



CLINICAL BIOCHEMISTRY

GLUCOSE FASTING

Test Name	Results	Units	Biological Reference Interval
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Glucose Fasting (F) 91 mg/dL 70-100
(Method: 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

*** End Of Report ***



Dr. Vaishnavi
DR.VAISHNAVI
MD BIOCHEMISTRY

LABORATORY TEST REPORT

Name	: Mr. ABHISHEK		
Sample ID	: A0787941		
Age/Gender	: 52 Years/Male	Reg. No	: 0312410250005
Referred by	: Dr. SELF	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 25-Oct-2024 09:08 AM
Primary Sample	: Whole Blood	Received On	: 25-Oct-2024 01:01 PM
Sample Tested In	: Serum	Reported On	: 25-Oct-2024 03:56 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: Jaffes Kinetic)	3.40	mg/dL	0.70-1.30
 Urea-Serum (Method: Calculated)	49.9	mg/dL	12.8-42.8
 Blood Urea Nitrogen (BUN) (Method: Calculated)	23.3	mg/dL	7.0-18.0
BUN / Creatinine Ratio	6.85		6 - 22
 Uric Acid (Method: Uricase)	9.14	mg/dL	3.5-7.2
 Sodium (Method: ISE Direct)	137	mmol/L	135-150
 Potassium (Method: ISE Direct)	4.2	mmol/L	3.5-5.0
 Chloride (Method: ISE Direct)	103	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. Vaishnavi
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 MD BIOCHEMISTRY

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