

REPORT

Name	: Mr. SAMPATH KUMAR	Sample ID	: A0093386
Age/Gender	: 44 Years/Male	Reg. No	: 0312402220006
Referred by	: Dr. SELF	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 22-Feb-2024 10:05 AM
Primary Sample	: Whole Blood	Received On	: 22-Feb-2024 12:42 PM
Sample Tested In	: Whole Blood EDTA	Reported On	: 22-Feb-2024 01:31 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

CLINICAL BIOCHEMISTRY

Test Name	Results	Units	Ref. Range	Method
Glycated Hemoglobin (HbA1c)	6.5	%	Non Diabetic:< 5.7 Pre diabetic: 5.7-6.4 Diabetic:>= 6.5	HPLC
Mean Plasma Glucose	139.85	mg/dL		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

Result rechecked and verified for abnormal cases

*** End Of Report ***

Laboratory is NABL Accredited



Dr. Vaishnavi
DR. VAISHNAVI
MD BIOCHEMISTRY

REPORT

Name	: Mr. SAMPATH KUMAR	Sample ID	: A0093385
Age/Gender	: 44 Years/Male	Reg. No	: 0312402220006
Referred by	: Dr. SELF	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 22-Feb-2024 10:05 AM
Primary Sample	: Whole Blood	Received On	: 22-Feb-2024 12:42 PM
Sample Tested In	: Serum	Reported On	: 22-Feb-2024 01:52 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

CLINICAL BIOCHEMISTRY

Test Name	Results	Units	Ref. Range	Method
Lipid Profile				
Cholesterol Total	110	mg/dL	< 200	CHOD-POD
Triglycerides-TGL	76	mg/dL	< 150	GPO-POD
Cholesterol-HDL	49	mg/dL	40-60	Direct
Cholesterol-LDL	45.8	mg/dL	< 100	Calculated
Cholesterol- VLDL	15.2	mg/dL	7-35	Calculated
Non HDL Cholesterol	61	mg/dL	< 130	Calculated
Cholesterol Total /HDL Ratio	2.24	%	0-4.0	Calculated
HDL / LDL Ratio	1.07			
LDL/HDL Ratio	0.93	%	0-3.5	Calculated

The National Cholesterol Education program's third Adult Treatment Panel (ATPIII) has issued its recommendations on evaluating and treating lipid disorders for primary and secondary.

NCEP Recommendations	Cholesterol Total in (mg/dL)	Triglycerides in (mg/dL)	HDL Cholesterol (mg/dL)	LDL Cholesterol in (mg/dL)	Non HDL Cholesterol in (mg/dL)
Optimal	Adult: < 200 Children: < 170	< 150	40-59	Adult:<100 Children: <110	<130
Above Optimal	-----	-----		100-129	130 - 159
Borderline High	Adult: 200-239 Children:171-199	150-199		Adult: 130-159 Children: 111-129	160 - 189
High	Adult:>or=240 Children:>or=200	200-499	≥ 60	Adult:160-189 Children:>or=130	190 - 219
Very High	-----	>or=500		Adult: >or=190 -----	>=220

Note: LDL cholesterol cannot be calculated if triglyceride is >400 mg/dL (Friedewald's formula). Calculated values not provided for LDL and VLDL

*** End Of Report ***

Laboratory is NABL Accredited



Dr. Vaishnavi
DR. VAISHNAVI
MD BIOCHEMISTRY

REPORT

Name	: Mr. SAMPATH KUMAR	Sample ID	: A0093385
Age/Gender	: 44 Years/Male	Reg. No	: 0312402220006
Referred by	: Dr. SELF	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 22-Feb-2024 10:05 AM
Primary Sample	: Whole Blood	Received On	: 22-Feb-2024 12:42 PM
Sample Tested In	: Serum	Reported On	: 22-Feb-2024 01:52 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

CLINICAL BIOCHEMISTRY

Test Name	Results	Units	Ref. Range	Method
Kidney Profile-KFT				
Creatinine -Serum	0.73	mg/dL	0.70-1.30	Sarcosine oxidase
Urea-Serum	15.0	mg/dL	12.8-42.8	Glutamate dehydrogenase+Calculation
Blood Urea Nitrogen (BUN)	7.01	mg/dL	7.0-18.0	Calculated
BUN / Creatinine Ratio	9.60		6 - 22	
Uric Acid	6.7	mg/dL	3.5-7.2	Uricase
Sodium	138	mmol/L	136-145	ISE Direct
Potassium	3.9	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.

Correlate Clinically.

Laboratory is NABL Accredited

*** End Of Report ***



Dr. Vaishnavi
DR. VAISHNAVI
MD BIOCHEMISTRY