

Patient Name	: Mrs.V.LAKSHMI	Collected	: 02/Feb/2024 02:53PM
Age/Gender	: 51 Y 0 M 0 D /F	Received	: 02/Feb/2024 03:43PM
UHID/MR No	: DVIG.0000205275	Reported	: 02/Feb/2024 04:22PM
Visit ID	: DVIGOPV223923	Status	: Final Report
Ref Doctor	: Dr.SELF	Client Name	: PUP SRI SAIRAM DIAGNOSTIC CENT
IP/OP NO	:	Patient location	: MVP Colony,Vizag

DEPARTMENT OF BIOCHEMISTRY

Test Name	Result	Status	Unit	Bio. Ref. Range	Method
GLUCOSE, FASTING , NAF PLASMA	103	High	mg/dL	70-100	GOD - POD

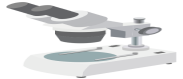
Comment:

As per American Diabetes Guidelines, 2023

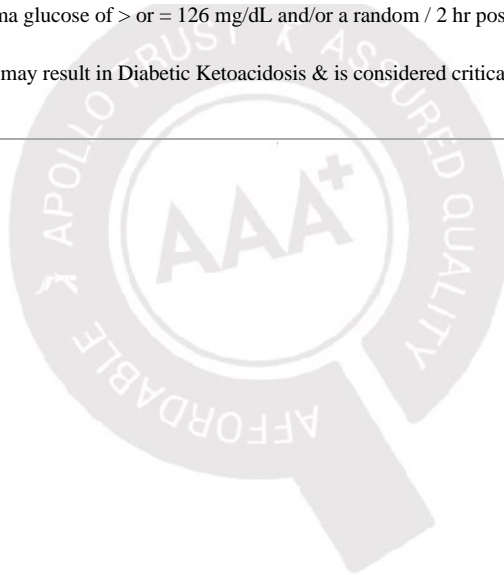
Fasting Glucose Values in mg/dL	Interpretation
70-100 mg/dL	Normal




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- 1.The diagnosis of Diabetes requires a fasting plasma glucose of ≥ 126 mg/dL and/or a random / 2 hr post glucose value of ≥ 200 mg/dL on at least 2 occasions.
2. Very high glucose levels (>450 mg/dL in adults) may result in Diabetic Ketoacidosis & is considered critical.




DR. V. SNEHAL
M.D (PATH)
Consultant Pathologist



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DEPARTMENT OF BIOCHEMISTRY

Test Name	Result	Status	Unit	Bio. Ref. Range	Method
LIPID PROFILE , SERUM					
TOTAL CHOLESTEROL	174	Normal	mg/dL	0-200	CHOD-PAP
TRIGLYCERIDES	63	Normal	mg/dL	0-149	Enzymatic
HDL CHOLESTEROL	43	Normal	mg/dL	>40	CHE/CHO/POD
NON-HDL CHOLESTEROL	131	High	mg/dL	<130	Calculated



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Comment:

Reference Interval as per National Cholesterol Education Program (NCEP) Adult Treatment Panel III Report.

	Desirable	Borderline High	High	Very High
TOTAL CHOLESTEROL	< 200	200 - 239	≥ 240	
TRIGLYCERIDES	<150	150 - 199	200 - 499	≥ 500
LDL	Optimal < 100 Near Optimal 100-129	130 - 159	160 - 189	≥ 190
HDL	≥ 60			
NON-HDL CHOLESTEROL	Optimal <130; Above Optimal 130-159	160-189	190-219	>220

- Measurements in the same patient on different days can show physiological and analytical variations.
- NCEP ATP III identifies non-HDL cholesterol as a secondary target of therapy in persons with high triglycerides.
- Primary prevention algorithm now includes absolute risk estimation and lower LDL Cholesterol target levels to determine eligibility of drug therapy.
- Low HDL levels are associated with Coronary Heart Disease due to insufficient HDL being available to participate in reverse cholesterol transport, the process by which cholesterol is eliminated from peripheral tissues.
- As per NCEP guidelines, all adults above the age of 20 years should be screened for lipid status. Selective screening of children above the age of 2 years with a family history of premature cardiovascular disease or those with at least one parent with high total cholesterol is recommended.
- VLDL, LDL Cholesterol Non HDL Cholesterol, CHOL/HDL RATIO, LDL/HDL RATIO are calculated parameters when Triglycerides are below 350mg/dl. When Triglycerides are more than 350 mg/dl LDL cholesterol is a direct measurement.


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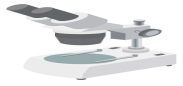
DEPARTMENT OF BIOCHEMISTRY

Test Name	Result	Status	Unit	Bio. Ref. Range	Method
CREATININE , SERUM	0.80	Normal	mg/dL	0.5-0.9	Jaffe


*** End Of Report ***



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