

REPORT

Name	: Mr. NARASIMHA CHARY	Sample ID	: 24754256
Age/Gender	: 41 Years/Male	Reg. No	: 0312312200031
Referred by	: Dr. G ALEKA SWAMY	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 20-Dec-2023 02:15 PM
Primary Sample	: Whole Blood	Received On	: 20-Dec-2023 03:36 PM
Sample Tested In	: Serum	Reported On	: 20-Dec-2023 05:20 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

CLINICAL BIOCHEMISTRY

Test Name	Results	Units	Ref. Range	Method
Vitamin- B12 (cyanocobalamin)	771	pg/mL	211-911	CLIA

Interpretation:

This test is most often done when other blood tests suggest a condition called megaloblastic anemia. Pernicious anemia is a form of megaloblastic anemia caused by poor vitamin B12 absorption. This can occur when the stomach makes less of the substance the body needs to properly absorb vitamin B12.

Causes of vitamin B12 deficiency include: Diseases that cause malabsorption

- Lack of intrinsic factor, a protein that helps the intestine absorb vitamin B12
- Above normal heat production (for example, with hyperthyroidism)

An increased vitamin B12 level is uncommon in:

- Liver disease (such as cirrhosis or hepatitis)
- Myeloproliferative disorders (for example, polycythemia vera and chronic myelogenous leukemia)

*** End Of Report ***

Laboratory is NABL Accredited



Dr. Vaishnavi
DR. VAISHNAVI
MD BIOCHEMISTRY

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CLINICAL BIOCHEMISTRY

Test Name	Results	Units	Ref. Range	Method
Lipid Profile				
Cholesterol Total	214	mg/dL	< 200	CHOD-POD
Triglycerides-TGL	239	mg/dL	< 150	GPO-POD
Cholesterol-HDL	37	mg/dL	40-60	Direct
Cholesterol-LDL	129.2	mg/dL	< 100	Calculated
Cholesterol- VLDL	47.8	mg/dL	7-35	Calculated
Non HDL Cholesterol	177	mg/dL	< 130	Calculated
Cholesterol Total /HDL Ratio	5.78	%	0-4.0	Calculated
HDL / LDL Ratio	0.29			
LDL/HDL Ratio	3.49	%	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

Correlate Clinically.

Result rechecked and verified for abnormal cases
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*** End Of Report ***



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