

REPORT

Name	: Mrs. C VIJAYA LAKSHMI	Sample ID	: A0934208
Age/Gender	: 44 Years/Female	Reg. No	: 0312409120011
Referred by	: Dr. SELF	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 12-Sep-2024 09:07 AM
Primary Sample	: Whole Blood	Received On	: 12-Sep-2024 01:21 PM
Sample Tested In	: Whole Blood EDTA	Reported On	: 12-Sep-2024 02:01 PM
Client Address	: Kimtee colony ,Gokul Nagar, Tarnaka	Report Status	: Final Report

HAEMATOLOGY

Test Name	Results	Units	Ref. Range	Method
Complete Blood Picture(CBP)				
Haemoglobin (Hb)	13.1	g/dL	12-15	Cynmeth Method
Haematocrit (HCT)	40.0	%	40-50	Calculated
RBC Count	4.26	10 ¹² /L	3.8-4.8	Cell Impedence
MCV	86	fl	81-101	Calculated
MCH	30.7	pg	27-32	Calculated
MCHC	35.6	g/dL	32.5-34.5	Calculated
RDW-CV	12.9	%	11.6-14.0	Calculated
Platelet Count (PLT)	372	10 ⁹ /L	150-410	Cell Impedence
Total WBC Count	8.2	10 ⁹ /L	4.0-10.0	Impedence
Differential Leucocyte Count (DC)				
Neutrophils	65	%	40-70	Cell Impedence
Lymphocytes	30	%	20-40	Cell Impedence
Monocytes	03	%	2-10	Microscopy
Eosinophils	02	%	1-6	Microscopy
Basophils	00	%	1-2	Microscopy
Absolute Neutrophils Count	5.33	10 ⁹ /L	2.0-7.0	Impedence
Absolute Lymphocyte Count	2.46	10 ⁹ /L	1.0-3.0	Impedence
Absolute Monocyte Count	0.25	10 ⁹ /L	0.2-1.0	Calculated
Absolute Eosinophils Count	0.16	10 ⁹ /L	0.02-0.5	Calculated
Absolute Basophil ICount	0.00	10 ⁹ /L	0.0-0.3	Calculated
Morphology	Normocytic normochromic			PAPs Staining

Result rechecked and verified for abnormal cases

*** End Of Report ***

Laboratory is NABL Accredited



Swarnabala - M
DR.SWARNA BALA
MD PATHOLOGY

REPORT

Name	: Mrs. C VIJAYA LAKSHMI	Sample ID	: A0934207
Age/Gender	: 44 Years/Female	Reg. No	: 0312409120011
Referred by	: Dr. SELF	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 12-Sep-2024 09:07 AM
Primary Sample	: Whole Blood	Received On	: 12-Sep-2024 01:21 PM
Sample Tested In	: Serum	Reported On	: 12-Sep-2024 04:18 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

CLINICAL BIOCHEMISTRY

Test Name	Results	Units	Ref. Range	Method
Calcium	9.4	mg/dL	8.5-10.1	Arsenazo

Comments:

- Calcium in the body is found mainly in the bones (approximately 99%). In serum, Calcium exists in a free ionised form and in bound form (with Albumin). Hence, a decrease in Albumin causes lower Calcium levels and vice-versa.
- Calcium levels in serum depend on the Parathyroid Hormone.
- Increased Calcium levels are found in Bone tumors, Hyperparathyroidism. decreased levels are found in Hypoparathyroidism, renal failure, Rickets.

25 - Hydroxy Vitamin D	22.84	ng/mL	<20.0-Deficiency 20.0-30.0-Insufficiency 30.0-100.0-Sufficiency >100.0-Potential Intoxication	CLIA
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Interpretation:

- 1.Vitamin D helps your body absorb calcium and maintain strong bones throughout your entire life. Your body produces vitamin D when the sun's UV rays contact your skin. Other good sources of the vitamin include fish, eggs, and fortified dairy products. It's also available as a dietary supplement.
- 2.Vitamin D must go through several processes in your body before your body can use it. The first transformation occurs in the liver. Here, your body converts vitamin D to a chemical known as 25-hydroxyvitamin D, also called calcidiol.
- 3.The 25-hydroxy vitamin D test is the best way to monitor vitamin D levels. The amount of 25-hydroxyvitamin D in your blood is a good indication of how much vitamin D your body has. The test can determine if your vitamin D levels are too high or too low.
- 4.The test is also known as the 25-OH vitamin D test and the calcidiol 25-hydroxycholecalciferol test. It can be an important indicator of osteoporosis (bone weakness) and rickets (bone malformation).

Those who are at high risk of having low levels of vitamin D include:

- 1.people who don't get much exposure to the sun
- 2.older adults
- 3.people with obesity.
- 4.dietary deficiency

Increased Levels: Vitamin D Intoxication

Method : CLIA

Correlate Clinically.

Result rechecked and verified for abnormal cases

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*** End Of Report ***



Dr. Vaishnavi
DR. VAISHNAVI
MD BIOCHEMISTRY