

LABORATORY TEST REPORT

Name	: Mrs. RAJESHWARI		
Sample ID	: B2622805		
Age/Gender	: 36 Years/Female	Reg. No	: 0312504170055
Referred by	: Dr. ARJUN KUMAR	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 17-Apr-2025 09:52 PM
Primary Sample	: Whole Blood	Received On	: 17-Apr-2025 11:04 PM
Sample Tested In	: Whole Blood EDTA	Reported On	: 17-Apr-2025 11:32 PM
Client Address	: Kimtee colony , Gokul Nagar, Tarnaka	Report Status	: Final Report

HAEMATOLOGY

Test Name	Results	Units	Biological Reference Interval
-----------	---------	-------	-------------------------------

Complete Blood Picture(CBP)

 Haemoglobin (Hb) <small>(Method: Cymeth Method)</small>	10.0	g/dL	12-15
 Haematocrit (HCT) <small>(Method: Calculated)</small>	32.7	%	40-50
 RBC Count <small>(Method: Cell Impedance)</small>	4.20	10 ¹² /L	3.8-4.8
 MCV <small>(Method: Calculated)</small>	77	fl	81-101
 MCH <small>(Method: Calculated)</small>	23.4	pg	27-32
 MCHC <small>(Method: Calculated)</small>	30.4	g/dL	32.5-34.5
 RDW-CV <small>(Method: Calculated)</small>	14.5	%	11.6-14.0
 Platelet Count (PLT) <small>(Method: Cell Impedance)</small>	234	10 ⁹ /L	150-410
 Total WBC Count <small>(Method: Impedance)</small>	7.0	10 ⁹ /L	4.0-10.0

Differential Leucocyte Count (DC)

 Neutrophils <small>(Method: Cell Impedance)</small>	61	%	40-70
 Lymphocytes <small>(Method: Cell Impedance)</small>	32	%	20-40
 Monocytes <small>(Method: Microscopy)</small>	06	%	2-10
 Eosinophils <small>(Method: Microscopy)</small>	01	%	1-6
 Basophils <small>(Method: Microscopy)</small>	00	%	1-2
 Absolute Neutrophils Count <small>(Method: Impedance)</small>	4.27	10 ⁹ /L	2.0-7.0
 Absolute Lymphocyte Count <small>(Method: Impedance)</small>	2.24	10 ⁹ /L	1.0-3.0
 Absolute Monocyte Count <small>(Method: Calculated)</small>	0.42	10 ⁹ /L	0.2-1.0
 Absolute Eosinophils Count <small>(Method: Calculated)</small>	0.07	10 ⁹ /L	0.02-0.5
 Absolute Basophil ICount <small>(Method: Calculated)</small>	0.00	10 ⁹ /L	0.0-0.3

Morphology
(Method: PAPS Staining)

Normocytic normochromic and Microcytic hypochromic

*** End Of Report ***



*TESTS CONDUCTED @ CENTRAL LAB, HYDERABAD

Note : This report is subject to the terms and conditions overleaf. Partial Reproduction of this report is not Permitted

Page 1 of 3
Swarnabala - M
DR.SWARNA BALA
MD PATHOLOGY

LABORATORY TEST REPORT

Name	: Mrs. RAJESHWARI		
Sample ID	: B2622808		
Age/Gender	: 36 Years/Female	Reg. No	: 0312504170055
Referred by	: Dr. ARJUN KUMAR	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 17-Apr-2025 09:52 PM
Primary Sample	: Whole Blood	Received On	: 17-Apr-2025 11:08 PM
Sample Tested In	: Serum	Reported On	: 18-Apr-2025 12:27 AM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

CLINICAL BIOCHEMISTRY

Test Name	Results	Units	Biological Reference Interval
 Calcium (Method: Arsenazo)	9.04	mg/dL	8.5-10.1

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.

*** End Of Report ***




DR. LAVANYA LAGISETTY
MD BIOCHEMISTRY

LABORATORY TEST REPORT

Name	: Mrs. RAJESHWARI		
Sample ID	: B2622808		
Age/Gender	: 36 Years/Female	Reg. No	: 0312504170055
Referred by	: Dr. ARJUN KUMAR	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 17-Apr-2025 09:52 PM
Primary Sample	: Whole Blood	Received On	: 17-Apr-2025 11:08 PM
Sample Tested In	: Serum	Reported On	: 18-Apr-2025 12:27 AM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report

CLINICAL BIOCHEMISTRY

Test Name	Results	Units	Biological Reference Interval
-----------	---------	-------	-------------------------------

Magnesium	2.02	mg/dL	1.8-2.4
-----------	------	-------	---------

(Method: Methylthymol blue (MTB))

Interpretation:

About one half of the body's magnesium is found in bone. The other half is found inside cells of body tissues and organs.

Magnesium is needed for many chemical processes in the body. It helps maintain normal muscle and nerve function, and keeps the bones strong. Magnesium is also needed for the heart to function normally and to help regulate blood pressure. Magnesium also helps the body control blood sugar level and helps support the body's defense (immune) system.

A high magnesium level may be due to:

- Diabetic ketoacidosis, a life-threatening problem in people with diabetes
- .Loss of kidney function (acute or chronic renal failure)

A low magnesium level may be due to:

- Alcohol use disorder
- Hyperaldosteronism (adrenal gland produces too much of the hormone aldosterone)
- Hypercalcemia (high blood calcium level)
- Long-term (chronic) diarrhea

*** End Of Report ***




DR. LAVANYA LAGISETTY
MD BIOCHEMISTRY