

**LABORATORY TEST REPORT**

Name	: Mrs. CHANDRAKALA		
Sample ID	: B2622862		
Age/Gender	: 48 Years/Female	Reg. No	: 0312504180058
Referred by	: Dr. SELF	SPP Code	: SPL-CV-172
Referring Customer	: V CARE MEDICAL DIAGNOSTICS	Collected On	: 18-Apr-2025 06:44 PM
Primary Sample	: Whole Blood	Received On	: 18-Apr-2025 10:10 PM
Sample Tested In	: Serum	Reported On	: 18-Apr-2025 10:53 PM
Client Address	: Kimtee colony ,Gokul Nagar,Tarnaka	Report Status	: Final Report



**CLINICAL BIOCHEMISTRY**

Test Name	Results	Units	Biological Reference Interval
<b>Magnesium</b> <small>(Method: Methylthymol blue (MTB))</small>	2.38	mg/dL	1.8-2.4

**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 \*\*\*



*[Signature]*  
DR. LAVANYA LAGISETTY  
MD BIOCHEMISTRY

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TESTS CONDUCTED @ CENTRAL LAB, HYDERABAD

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