

**Yash M. Patel**

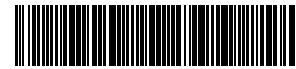
Age : 21 Years

Sex : Male

PID : 555

**Sample Collected At:**125, Shivam Bungalow, S G Road,
Mumbai

Ref. By: Dr. Hiren Shah



0 35545 62336 78 1

Registered on: 02:31 PM 02 Dec, 2X

Collected on: 03:11 PM 02 Dec, 2X

Reported on: 04:35 PM 02 Dec, 2X

ELECTROLYTES

Investigation	Result		Reference Value	Unit
Primary Sample Type :	Serum			
Test method :	Indirect ISE			
ELECTROLYTES				
Sodium	110.00	Low	136.00 - 145.00	mEq/L
Potassium	8.00	High	3.50 - 5.10	mEq/L
Chloride	99.00		98.00 - 107.00	mEq/L
Bicarbonate	25.00		22.00 - 28.00	mEq/L
Calcium	18.00	High	8.6 - 10.2	mg/dL
Magnesium	1.9		1.8 - 2.3	mg/dL

Interpretation :

The serum electrolytes test measures the levels of electrolytes in the blood, providing valuable information about hydration status, kidney function, and electrolyte imbalances.

Electrolytes High Levels cause:

- Sodium - Overhydration, kidney disease, Addison's disease.
- Potassium - Kidney disease, Addison's disease, excessive intake of potassium-rich foods.
- Chloride - Overhydration, kidney disease.
- Bicarbonate - Kidney disease, respiratory alkalosis.
- Calcium - Hyperparathyroidism, kidney disease, vitamin D toxicity.
- Magnesium - Kidney disease, excessive intake of magnesium-rich foods.

Electrolytes Low Levels cause:

- Sodium - Dehydration, kidney disease, Addison's disease.
- Potassium - Diarrhea, vomiting, kidney disease, excessive use of diuretics.
- Chloride - Dehydration, kidney disease.
- Bicarbonate - Diarrhea, vomiting, respiratory acidosis.
- Calcium - Hypoparathyroidism, kidney disease, vitamin D deficiency.
- Magnesium - Diarrhea, vomiting, kidney disease, excessive use of laxatives.

Thanks for Reference

****End of Report****

Medical Lab Technician
(DMLT, BMLT)**Dr. Payal Shah**
(MD, Pathologist)**Dr. Vimal Shah**
(MD, Pathologist)

Sample Collection



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