



Lab Tests Guide

Understand Your Tests. Empower Your Health

+1123456789

+1123456789

info@labtestsguide.com

www.labtestsguide.com

This is the address of Lab, State Lab, Collection Center or Specimin Pick Up Point:

Patient Name : Lab Tests Guide

Registered On : 01, Jan 2021 4:30pm

Age / Sex : 31 Years / Male

Reported On : 02, Jan 2021 11:24 am

Contact No : +1234567890

Consultant Name: xyz Consultant

Specimen : Blood

Referred By : xyz Reference



Patient ID: 210101-234-2348



Lab. ID: 210101-234-2348

Registered By: Editorial Staff



Electrolytes Panel

www.LabTestsGuide.com - www.LabTestsGuide.net

Biochemistry

Parameter Name	Result	Reference Value	Unit
Sodium (Na ⁺)	135	135 – 145	meq/L
Potassium (K ⁺)	5.4	3.5 – 5.1	meq/L
Chloride (Cl ⁻)	107	98 – 107	meq/L
Bicarbonate (HCO ₃ ⁻) / CO ₂	25	22 – 29	meq/L
Calcium (Ca ²⁺)*	7.4	8.6 – 10.2	mg/dL
Magnesium (Mg ²⁺)*	2.1	1.7 – 2.4	mg/dL
Phosphate (PO ₄ ³⁻)*	4.2	2.5 – 4.5	mg/dL

*Parameters included if Complete Electrolyte Panel is requested.

Clinical Interpretation:

Sodium (Na⁺)

- Reflects extracellular fluid balance and osmolality.
- Low (Hyponatremia):** May cause confusion, seizures, coma
- High (Hypernatremia):** Indicates dehydration, hormonal imbalance

Potassium (K⁺)

- Major intracellular cation essential for cardiac and neuromuscular function.
- Low:** Muscle weakness, arrhythmias (flattened T-wave)
- High:** Life-threatening arrhythmias (peaked T-wave)

Chloride (Cl⁻)

- Helps maintain acid–base balance and osmotic pressure.
- Altered in dehydration, metabolic acidosis/alkalosis.

Bicarbonate (HCO₃⁻ / CO₂)

- Key indicator of metabolic acid–base status.
- Low:** Metabolic acidosis
- High:** Metabolic alkalosis

Report Formate

***** End of Report *****



Note: This demo test report is for educational purposes only and not intended for legal or clinical use.

Technologist Name

Education
ABC, Abc, AbCd

Pathologist Name

Histopathologist
ABC, Abc, AbCd

Pathologist Name

Hematologist
ABC, Abc, AbCd

Pathologist Name

Molecular Biologist
ABC, Abc, AbCd