

Patient Name : Demo Patient Name
Age / Sex : 26 Y / M
Referred By : DEMO HOSPITAL
Centre : HOD Head Office

Lab No : Demo Visit No
Registration On : 21-Jan-25 15:13
Patient ID : UHID.DEMO.001

Bicarbonate				Serum Sample
Accession No: DEMO_BARCODE		Collected On: 21-Jan-25 15:13	Received On: 21-Jan-25 18:42	Approved On: 21-Jan-25 19:38
Observation	Result	Unit	Biological Ref. Interval	Method
Bicarbonate	15	mmol/L	22-30	Enzymatic Endpoint

Clinical Significance of Bicarbonate:

Bicarbonate is the second largest fraction of anions in the plasma. At the physiological pH of blood, the concentration of carbonate is 1/1000 that of bicarbonate. This test is a significant indicator of electrolyte dispersion and anion deficit. An abnormal bicarbonate means a metabolic rather than a respiratory problem.

Increased Levels

- Acute Metabolic alkalosis
- Chronic Metabolic alkalosis

Decreased Levels

- Acute Metabolic acidosis
- Compensated Metabolic acidosis

Sample Type: Serum

Technology: Dry Chemistry (VITROS Microslide, MicroSensor & Intellicheck)

Analyzer: Fully Automated Biochemistry and Immunology Analyzer : VITROS 5600

Advise: Please correlate results with clinical conditions



This is a Demo Signature
and the doctor's signature should appear here

In case of any unexpected or alarming results, please contact us immediately for re-confirmation, clarifications, and rectifications, if needed.

