Redcliffe labs

Patient Name	:	Bill Date	:
DOB/Age/Gender	:	Sample Collected	:
Patient ID / UHID	:	Sample Received	:
Referred By	:	Report Date	:
Sample Type	:	Barcode No	:
Client	:	Report Status	:

Test Description	Value(s)	Unit(s)	Reference Range

BIOCHEMISTRY REPORT

Bicarbonate

Bicarbonate	30.2	mmol/L	20 - 31

Method : (Enzymatic Endpoint)

Interpretation:

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

1. Acute Metabollic alkalosis
2. Chronic Metabolic alkalosis

Decreased Levels

1. Acute Metabolic acidosis
2. Compensated Metabolic acidosis

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Terms and Conditions of Reporting

1. The presented findings in the Reports are intended solely for informational and interpretational purposes by the referring physician or other qualified medical professionals possessing a comprehensive understanding of reporting units, reference ranges, and technological limitations. The laboratory shall not be held liable for any interpretation or misinterpretation of the results, nor for any consequential or incidental damages arising from such interpretation.

2. It is to be presumed that the tests performed pertain to the specimen/sample attributed to the Customer's name or identification. It is presumed that the verification particulars have been cleared out by the customer or his/her representation at the point of generation of said specimen / sample. It is hereby clarified that the reports furnished are restricted solely to the given specimen only.

3. It is to be noted that variations in results may occur between different laboratories and over time, even for the same parameter for the same Customer. The assays are performed and conducted in accordance with standard procedures, and the reported outcomes are contingent on the specific individual assay methods and equipment(s) used, as well as the quality of the received specimen.

4. This report shall not be deemed valid or admissible for any medico-legal purposes.

5. The Customers assume full responsibility for apprising the Company of any factors that may impact the test finding. These factors, among others, includes dietary intake, alcohol, or medication / drug(s) consumption, or fasting. This list of factors is only representative and not exhaustive.