

|                   |   |                  |   |
|-------------------|---|------------------|---|
| 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:

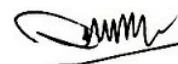
Bicarbonate is the second largest fraction of anions in the plasma. At the physiological pH of blood, the concentration of carbonate is 1/1000 that of bicarbonate. This test is a significant indicator of electrolyte dispersion and anion deficit. An abnormal bicarbonate means a metabolic rather than a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

##### Increased Levels

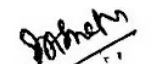
1. Acute Metabolic alkalosis
2. Chronic Metabolic alkalosis

##### Decreased Levels

1. Acute Metabolic acidosis
2. Compensated Metabolic acidosis



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