

PATIENT NAME : MATHEW JOSEPH

REF. DOCTOR : DR.KAMINI MEHTA

KHARGHAR

9870331316

ACCESSION NO : 0040XF000941

PATIENT ID : MATHM16030540

CLIENT PATIENT ID:

ABHA NO :

AGE/SEX : 19 Years Male

DRAWN : 05/06/2024 07:58:20

RECEIVED : 05/06/2024 08:02:17

REPORTED : 05/06/2024 18:53:13

Test Report Status **Final**

Results

Biological Reference Interval Units

**BIO CHEMISTRY****BICARBONATE, SERUM**

BICARBONATE, SERUM

25

17 - 31

mEq/L

METHOD : PHOSPHOENOLPYRUVATE METHOD

**Interpretation(s)**

BICARBONATE, SERUM-- Bicarbonate measurements are used in the diagnosis and treatment of numerous potentially serious disorders associated with changes in body acid-base balance. The determination of bicarbonate ( $\text{HCO}_3^-$ ) is used in conjunction with other clinical and laboratory information for the evaluation of acid-base status.

- An elevation of the Bicarbonate level may be observed in compensated respiratory acidosis (renal bicarbonate retention); metabolic alkalosis; bicarbonate administration, eg antacids; gastro-intestinal acid loss during vomiting (especially with pyloric stenosis) and renal acid loss as in diuretic therapy, mineralocorticoid excess, severe potassium deficiency.
- Low Bicarbonate levels may be observed in compensated respiratory alkalosis (renal bicarbonate loss); metabolic acidosis such as diabetic ketoacidosis and lactic acidosis, ingestion of methanol, ethanol etc; decreased renal acid excretion as in renal failure, renal tubular acidosis, mineralocorticoid deficiency and bicarbonate loss as in diarrhoea, pancreatic fistula, diversion of urine to gut.

**\*\*End Of Report\*\*****Please visit [www.srlworld.com](http://www.srlworld.com) for related Test Information for this accession****Dr. Geetha Chandrashekhar, MD**  
Consultant Pathologist

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View Details



View Report

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**Patient Ref. No. 775000007868076**