



Test Definition: HCO3

Bicarbonate, Serum

Reporting Title: Bicarbonate, S

Performing Location: Mayo Clinic Jacksonville Clinical Lab

Necessary Information:

Patient's age and sex are required.

Specimen Requirements:

Collection Container/Tube:

Preferred: Serum gel

Acceptable: Red top

Submission Container/Tube: Plastic vial

Specimen Volume: 0.5 mL

Collection Instructions:

1. Serum gel tube must be centrifuged within 2 hours of collection.
2. Red-top tube must be centrifuged, and the serum aliquoted into a plastic vial within 2 hours of collection.

Forms:

If not ordering electronically, complete, print, and send 1 of the following forms with the specimen:

[-Kidney Transplant Test Request](#)

[-Renal Diagnostics Test Request](#) (T830)

Specimen Type	Temperature	Time	Special Container
Serum	Refrigerated	24 hours	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
HCO3	Bicarbonate, S	Numeric	mmol/L	1963-8

LOINC® and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

82374

Reference Values:

Males

12-24 months: 17-25 mmol/L

3 years: 18-26 mmol/L

4-5 years: 19-27 mmol/L

6-7 years: 20-28 mmol/L

8-17 years: 21-29 mmol/L

> or =18 years: 22-29 mmol/L

Females

1-3 years: 18-25 mmol/L

4-5 years: 19-26 mmol/L

6-7 years: 20-27 mmol/L

8-9 years: 21-28 mmol/L

> or =10 years: 22-29 mmol/L

Reference values have not been established for patients that are <12 months of age.