



# 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

&gt; or =10 years: 22-29 mmol/L

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