

Reporting Title: Bicarbonate, S  
Performing Location: Rochester

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 a [Renal Diagnostics Test Request](#) (T830) with the specimen.

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

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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.