

Reporting Title: Electrolyte Panel, 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 tubes should be centrifuged within 2 hours of collection.
2. Red-top tubes should 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®
AGAP	Anion Gap	Numeric		33037-3
CL	Chloride, S	Numeric	mmol/L	2075-0
HCO3	Bicarbonate, S	Numeric	mmol/L	1963-8
NAS	Sodium, S	Numeric	mmol/L	2951-2
KS	Potassium, S	Numeric	mmol/L	2823-3

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

Supplemental Report:

No

CPT Code Information:

80051-Electrolyte Panel (if all 4 are performed)

82435-Chloride (if all 4 are not performed)

84295- Sodium (if all 4 are not performed)

84132-Potassium (if all 4 are not performed)

82374-Bicarbonate (if all 4 are not performed)

Reference Values:

SODIUM

<1 year: not established
> or =1 year: 135-145 mmol/L

POTASSIUM

<1 year: not established
> or =1 year: 3.6-5.2 mmol/L

CHLORIDE

<1 year: not established
1-17 years: 102-112 mmol/L
> or =18 years: 98-107 mmol/L

BICARBONATE**Males**

<1 year: not established
1-2 years: 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 year: not established
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

ANION GAP

<7 years: not established
> or =7 years: 7-15