Reporting Title: Creatinine Clearance
Performing Location: Rochester

Specimen Requirements:

Serum and urine are required. Serum must be drawn within the same 24-hour period as the urine collection.

Specimen Type: Serum
Container/Tube: Red top or serum gel
Specimen Volume: 1 mL
Collection Instructions: Label specimen as serum.

Specimen Type: Urine
Container/Tube: Plastic, 6-mL tube (Supply T465)
Specimen Volume: 5 mL
Collection Instructions:
1. Collect urine for 24 hours.
2. No preservative.
3. Label specimen as urine.
Additional Information:
1. 24-Hour volume and patient's height in centimeters and weight in kilograms are required.
2. See Urine Preservatives in Special Instructions for multiple collections.

Urine Preservative Collection Options

Ambient Preferred
Refrigerated Yes
Frozen Yes
6N HCl Yes
50% Acetic Acid Yes
Na(2)CO(3) Yes
Toluene Yes
6N HNO(3) Yes
Boric Acid Yes
Thymol Yes

Specimen Type	Temperature	Time
Serum	Refrigerated (preferred)	
	Frozen	
Urine	Refrigerated (preferred)	
	Ambient	
	Frozen	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
CREAS	Creatinine, S	Numeric	mg/dL	2160-0
CRE_U	Creatinine, U	Numeric	mg/dL	20624-3
TM54	Time	Numeric	h	13362-9
VL52	Volume	Numeric	mL	3167-4
CRCL1	Creatinine Clearance	Numeric	mL/min/BSA	2164-2

Components:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
CREAS	Creatinine, S			Yes	Yes (order CREAZ)
CRCU	Creatinine, U	1	82575	Yes	No

Reference Values:

Creatinine Clearance:
Males:
0-18 years: Reference values have not been established
19-75 years: 77-160 mL/min/BSA
> or =76 years: Reference values have not been established
Females:
0-17 years: Reference values have not been established
18-29 years: 78-161 mL/min/BSA
30-39 years: 72-154 mL/min/BSA
40-49 years: 67-146 mL/min/BSA
50-59 years: 62-139 mL/min/BSA
60-72 years: 56-131 mL/min/BSA
> or =73 years: Reference values have not been established
Creatinine, Urine: reported in units of mg/dL

Creatinine, Serum
Males
12-24 months: 0.1-0.4 mg/dL
3-4 years: 0.1-0.5 mg/dL
5-9 years: 0.2-0.6 mg/dL
10-11 years: 0.3-0.7 mg/dL
12-13 years: 0.4-0.8 mg/dL
14-15 years: 0.5-0.9 mg/dL
> or =16 years: 0.8-1.3 mg/dL

Reference values have not been established for patients that are less than 12 months of age.
Females
13-36 months: 0.1-0.4 mg/dL
4-5 years: 0.2-0.5 mg/dL
6-8 years: 0.3-0.6 mg/dL
9-15 years: 0.4-0.7 mg/dL
> or =16 years: 0.6-1.1 mg/dL
Reference values have not been established for patients that are less than 12 months of age.