

**Overview**
**Method Name**

Spectrophotometry (SP)

**NY State Available**

No

**Specimen**
**Specimen Type**

Urine

**Specimen Required**
**Specimen Type:** Urine

**Submission Container/Tube:** Plastic, preservative-free urine container.

**Specimen Volume:** 10 mL

**Collection Instructions:**

Â 1. Collect random, clean catch urine without preservative.

Â 2. Ship 10 mL urine refrigerated in a sterile, plastic screw-cap container.

**Specimen Minimum Volume**

1.5 mL

**Reject Due To**

Hemolysis	NA
Lipemia	NA
Icterus	NA
Other	Received room temperature; Acidified urine

**Specimen Stability Information**

Specimen Type	Temperature	Time	Special Container
Urine	Refrigerated (preferred)	30 days	
	Frozen	60 days	
	Ambient	8 hours	

**Clinical and Interpretive**

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**Reference Values**

Citric Acid/Creat Ratio:

Adult Reference Ranges for Citric Acid, Urine:

Male: 65-650 mg/g creat

Female: 125-900 mg/g creat

Pediatric Reference Ranges for Citric Acid, Urine:

&lt;1 month: Not established

1-11 months: 235-4069 mg/g creat

1-9 years: 111-1136 mg/g creat

10-17 years: 55-845 mg/g creat

Creatinine, Random Urine:

Reference Ranges for Creatinine, Random Urine:

&lt;=or 6 Months: 2-28 mg/dL

7-11 Months: 2-31 mg/dL

1-2 Years: 2-110 mg/dL

3-8 years: 2-130 mg/dL

9-12 Years: 2-160 mg/dL

&gt;12 Years Male: 20-320 mg/dL

&gt;12 Years Female: 20-275 mg/dL

**Performance****PDF Report**

No

**Day(s) Performed**

Tuesday, Thursday, Saturday

**Report Available**

6 to 10 days

**Performing Laboratory Location**

Quest Diagnostics Nichols Institute

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**Fees and Codes****Fees**

- Authorized users can sign in to [Test Prices](#) for detailed fee information.
- Clients without access to Test Prices can contact [Customer Service](#) 24 hours a day, seven days a week.
- Prospective clients should contact their Regional Manager. For assistance, contact [Customer Service](#).

**CPT Code Information**

82507

82570

**LOINC® Information**

Test ID	Test Order Name	Order LOINC Value
FCAU	Citric Acid, Urine	Not Provided

Result ID	Test Result Name	Result LOINC Value
Z6055	Citric Acid/Creat Ratio	13722-4
Z6056	Creatinine, Random Urine	2161-8