

**Reporting Title:** Calcium, Ionized, S**Performing Location:** Rochester**Specimen Requirements:**

Container/Tube: Serum gel or serum gel microtainer

Specimen Volume: Full tube

Collection Instructions:

1. Allow blood to clot for 30 minutes.
2. Serum gel tube/microtainer must be centrifuged within 1 hour of collection. Centrifuge with stopper in place for 7 minutes at 3000 rpm to ensure that the gel barrier separates the serum and cells.
3. Keep specimen anaerobic; do not aliquot.

**Specimen Minimum Volume:**

1.75 mL in a 3.5 mL (50% full) in serum gel tube or 1 full serum gel microtainer

**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 SST	Refrigerated	7 days	SERUM GEL TUBE

**Result Codes:**

Result ID	Reporting Name	Type	Unit	LOINC®
CAIS	Calcium, Ionized, S	Numeric	mg/dL	57333-7
PHCC	pH	Numeric		2753-2

LOINC and CPT codes are provided by the performing laboratory.

**Supplemental Report:**

No

**CPT Code Information:**

82330

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**Reference Values:**

## IONIZED CALCIUM

< or =13 days old: Not established  
14 days-<1 year: 5.21-5.99 mg/dL  
1-<2 years: 5.04-5.84 mg/dL  
2-<3 years: 4.87-5.67 mg/dL  
3-23 years: 4.83-5.52 mg/dL  
24-97 years: 4.57-5.43 mg/dL  
> or =98 years: Not established

## pH

< or =13 days old: Not established  
14 days-97 years old: 7.35-7.48  
> or =98 years old: Not established

For SI unit Reference Values, see [www.mayocliniclabs.com/order-tests/si-unit-conversion.html](http://www.mayocliniclabs.com/order-tests/si-unit-conversion.html)