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MAYO CLINIC LABORATORIES

Test Definition: CAI

Calcium, Ionized, Serum

Reporting Title: Calcium, Ionized, S
Performing Location: Mayo Clinic Laboratories - Rochester Main Campus

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.**
4**. Test cannot be combined with other testing. Separate specimens must be submitted when multiple tests are ordered.**

Forms:

If not ordering electronically, complete, print, and send a Kidney Transplant Test Request 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

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 International System of Units (SI) conversion for Reference Values, see www.mayocliniclabs.com/order-tests/si-unit-conversion.html.