

CALCIUM -TOTAL, PLASMA

Orderable - CA

Turn Around Time: 4 hours

STAT: 1 hour

Specimen:

Adult	Pediatric
4.5 mL Light Green top Vacutainer tube	0-2 years: 0.5 mL Green Microtainer 2-10 years: 2 mL Green top tube
Serum from a 5 mL Gold top or 6 mL Red top Vacutainer tube is also acceptable.	



Laboratory:
Core Lab



Requisition:
GENERAL LABORATORY
REQUISITION



Method of Analysis:
Endpoint Colorimetric
assay



Test Schedule:
As required

Collection Information:

Collect blood aseptically in a Vacutainer tube.

Reference Ranges:

Age	Range
0-10 days:	1.89-2.59 mmol/L
11 days-2 years:	2.24-2.74 mmol/L
2 years-Adult:	2.20-2.55 mmol/L

Comments:

Calcium: <1.5 or >3.3 mmol/L (Report Albumin, if available)

Interpretive Comments:

About 45% of calcium is albumin bound. Depressed albumin levels are the most common cause of low total calcium values. Suggested approximate correction factor: add 0.25 mmol/L to calcium value for each 10 g/L that albumin falls below 40 g/L.

Comments:

If Gadolinium-containing contrast media for MRI has been administered wait 48 hours before blood collection.