

# CALCIUM -TOTAL, PLASMA

## Orderable - CA

Turnaround 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.

### Comments:

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