

## Ionized Calcium



<b>Alternate Name:</b>	None
<b>Performing Lab:</b>	New Hanover and Cape Fear
<b>Specimen Container:</b>	Heparinized syringe or green top tube
<b>Minimum Volume Required:</b>	1.0 mL
<b>Testing Availability</b>	<b>Routine:</b> 24 hours/day <b>Stat:</b> Yes
<b>Turnaround Time:</b>	Routine: 4 hours Stat: < 1 hour
<b>Special Handling:</b>	Specimen stability is 30 minutes.
<b>Patient Preparation:</b>	None
<b>Specimen Stability:</b>	
<b>Reference Range:</b>	1.15 – 1.29 mmol/L
<b>Critical Value:</b>	None
<b>CPT Code:</b>	82330
<b>Testing Methodology:</b>	Ion Selective Electrode
<b>Causes for Specimen Rejection:</b>	Improper labeling Specimen clotted
<b>Other Comments:</b>	
<b>Clinical Significance:</b>	Evaluate nonbound calcium, calcium metabolism, physiologically active calcium fraction, hyperparathyroidism, ectopic hyperparathyroidism. Occasionally useful when hypercalcemia coexists with abnormal protein state such as myeloma. Useful in assessing active calcium fraction in hypoproteinemia and acidosis when calcium is low.