

Acceptable Tube Types



## Lactose Tolerance

<b>Alternate Name:</b>	None
<b>Performing Lab:</b>	New Hanover
<b>Specimen Container:</b>	Yellow serum separator tube, or green top tube (lithium heparin), or red top tube
<b>Minimum Volume Required:</b>	1.0 mL
<b>Testing Availability</b>	<b>Routine:</b> Monday thru Friday <b>Stat:</b> No
<b>Turnaround Time:</b>	Not Applicable
<b>Special Handling:</b>	Blood specimens are drawn at 0, 1 hour, 2 hours, and 3 hours following ingestion of the lactose loading dose.
<b>Patient Preparation:</b>	A standard dose of lactose administered orally.
<b>Specimen Stability:</b>	
<b>Reference Range:</b>	
<b>Normal:</b>	14 – 62 mg/dL rise in glucose over fasting
<b>Lactose Intolerance:</b>	2 – 11 mg/dL rise in glucose over fasting level
<b>Critical Value:</b>	None
<b>CPT Code:</b>	82951
<b>Testing Methodology:</b>	Colorimetric
<b>Causes for Specimen Rejection:</b>	Improper labeling
<b>Other Comments:</b>	
<b>Clinical Significance:</b>	Results may be used to evaluate deficiency of small bowel mucosal lactate, which may be associated with intolerance to lactose, manifested by diarrhea and other symptoms following ingestion of milk.