

Acceptable Tube Types



Glucose

Alternate Name:	Blood Sugar
Performing Lab:	New Hanover and Cape Fear
Specimen Container:	Yellow serum separator tube or Green top tube (lithium heparin) or Red top tube
Minimum Volume Required:	1.0 mL
Testing Availability	Routine: 24 hours/day Stat: Yes
Turnaround Time:	Routine: 4 hours Stat: < 1 hour
Special Handling:	None
Patient Preparation:	None
Specimen Stability:	
Reference Range:	74 - 106 mg/dL
Critical Value:	< 40 mg/dL or > 450 mg/dL Neonates: < 45 mg/dL or ≥ 250 mg/dL
CPT Code:	82947
Testing Methodology:	Colorimetric
Causes for Specimen Rejection:	Improper labeling Hemolysis
Other Comments:	
Clinical Significance:	Plasma glucose levels may be abnormally high (hyperglycemia) or abnormally low (hypoglycemia). Glucose measurements are used in the diagnosis and treatment of carbohydrate metabolic disorders including diabetes mellitus, idiopathic hypoglycemia, and pancreatic islet cell neoplasm.