

Glucose

CPT Code: 82947

Order Code: C101

ABN Requirement: No

Synonyms: Blood Sugar; Fasting Blood Sugar; FBS; Fasting Blood Glucose; FBG; Blood Glucose

Specimen: Serum

Volume: 1.0 mL

Minimum Volume: 0.5 mL

Container: Gel-barrier tube (SST, Tiger Top)

Collection:

1. Collect and label sample according to standard protocols.
2. Gently invert tube 5 times immediately after draw. DO NOT SHAKE.
3. Allow blood to clot 30 minutes.
4. Centrifuge for 10 minutes.

Patient Preparation: Fasting required. Fasting is defined as no consumption of food or beverage other than water for at least 8 hours before testing.

Special Instructions: Blood must be centrifuged within 30 minutes of collection.

Transport: Store serum at 2°C to 8°C after collection and ship the same day per packaging instructions included with the provided shipping box.

Stability:

Ambient (15-25°C): 4 days

Refrigerated (2-8°C): 7 days

Frozen (-20°C): 28 days

Causes for Rejection: Specimens other than serum; improper labeling; samples not stored properly; samples older than stability limits; gross hemolysis; gross icterus

Methodology: Enzymatic Assay

Turn Around Time: 1 to 3 days

Risk Ranges:

Critical Value:

Urgent Values:

Clinical Significance: The glucose test can be used to identify diabetic and pre-diabetic individuals in a healthy, asymptomatic population, especially those with risk factors, to detect hyper- and hypoglycemia, and to monitor glucose levels in individuals with diabetes.

Limitations: In very rare cases, gammopathy, in particular type IgM (Waldenstrom's macroglobulinemia), may cause unreliable results.

The CPT codes provided are based on AMA guidelines and are for informational purposes only. CPT coding is the sole responsibility of the billing party. Please direct any questions regarding coding to the payer being billed.