

## Glucose Tolerance (2 Hour Only) Glucola

Order Name: **GLUC 2 HR**  
Test Number: 2002250  
Revision Date: 05/20/2021

TEST NAME	METHODOLOGY	LOINC CODE
Glucose Tolerance (2 Hour Only) Glucola	Hexokinase	12610-2

SPECIMEN REQUIREMENTS				
Specimen	Specimen Volume (min)	Specimen Type	Specimen Container	Transport Environment
Preferred	1 mL (0.5)	Plasma	Sodium Fluoride (Gray)	Refrigerated
Alternate 1	1 mL (0.5)	Plasma	Lithium Heparin PST (Light Green Top)	Refrigerated
Alternate 2	1 mL (0.5)	Serum	Clot Activator SST	Refrigerated
Instructions	<p>According to the American Diabetes Association, Collect specimen 2 hours after the patient ingests 75 grams of Glucola. Lithium heparin and clot tube must be spun within 2 hours for the integrity of the specimen.</p> <p><b>If doctor instructs the patient to ingest a "Normal Meal", then order "GLUC 2HRPC" Glucose Tolerance (2 Hour Only) Post Prandial.</b></p> <p>Stability: Ambient 8 hours, Refrigerated 7 days, Frozen 1 month</p> <p>Fluoride preserved plasma samples are stable at room temperature for 24 hours</p>			

GENERAL INFORMATION	
Testing Schedule	Daily
Expected TAT	1-2 days
Clinical Use	Criteria for Diagnosis of Diabetes from the American Diabetes Association recommends Random plasma glucose >200 mg/dl with symptoms (polyuria, polydypsia, and unexplained weight loss) repeated to confirm on subsequent day, or Fasting plasma glucose >126 mg/dl repeated to confirm, or 2-hr plasma glucose <200 mg/dl post 75g glucose challenge repeated to confirm.
Notes	Glucose measurements are used in the diagnosis and treatment of carbohydrate metabolism disorders including diabetes mellitus, neonatal hypoglycemia and idiopathic hypoglycemia and pancreatic islet cell carcinoma.
CPT Code(s)	82950
Lab Section	Chemistry