

**Glucose Tolerance (2 Hour Only) Post Prandial**

Order Name: **GLUC 2HRPC**  
 Test Number: 2002200  
 Revision Date: 05/20/2021

TEST NAME	METHODOLOGY	LOINC CODE
Glucose Tolerance (2 Hour Only) Post Prandial	Hexokinase	1521-4

**SPECIMEN REQUIREMENTS**

Specimen	Specimen Volume (min)	Specimen Type	Specimen Container	Transport Environment
Preferred	<b>1 mL (0.5)</b>	<b>Plasma</b>	<b>Sodium Fluoride (Gray)</b>	<b>Refrigerated</b>
Alternate 1	<b>1 mL (0.5)</b>	<b>Plasma</b>	<b>Lithium Heparin PST (Light Green Top)</b>	<b>Refrigerated</b>
Alternate 2	<b>1 mL (0.5)</b>	<b>Serum</b>	<b>Clot Activator SST</b>	<b>Refrigerated</b>
Instructions	This test should only be used if the patient has been instructed by their physician to have glucose testing 2 hours after patient has ingested a normal meal. <b>If doctor instructs the patient to ingest Glucola, then order "GLUC 2 HR" Glucose 2 Hour Only.</b> Lithium heparin and clot tube must be spun within 2 hours for the integrity of the specimen. Stability: Ambient 8 hours, Refrigerated 7 days, Frozen 1 month Fluoride preserved plasma samples are stable at room temperature for 24 hours			

**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, polydipsia, 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)	82947
Service Provided By	 <b>labcorp</b> Oklahoma, Inc.