

## Glucose Tolerance (2 Hour) w/o Urine

Order Name: **GTT 2 HR**  
Test Number: 2016800  
Revision Date: 05/20/2021

TEST NAME	METHODOLOGY	LOINC CODE
Glucose Fasting	Hexokinase	1558-6
Glucose 1 Hour Tolerance	Hexokinase	20438-8
Glucose 2 Hour Total	Hexokinase	20436-2

### SPECIMEN REQUIREMENTS

Specimen	Specimen Volume (mL)	Specimen Type	Specimen Container	Transport Environment
Preferred	1 mL (0.5)	Plasma	Sodium fluoride (gray top)	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**  
Fasting overnight and during test. Patient may have water.  
Draw fasting specimen. Adults: Give 75 grams of glucola. Children: Adjusted amount of glucola to be calculated by lab. Call (918) 744-2500.  
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	Mon - Fri
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 2hr plasma glucose <200 mg/dl post 75g glucose challenge repeated to confirm.
Notes	For more information on this test, access our "Specialized Tests" section.
CPT Code(s)	82951
Lab Section	Chemistry