

Glucose Tolerance (5 Hour) w/o Urine

Order Name: **GTT 5 HR**

Test Number: 2002425

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 |
| Glucose 3 Hour Tolerance | Hexokinase | 20437-0 |
| Glucose 4 Hour Tolerance | Hexokinase | 26541-3 |
| Glucose 5 Hour Tolerance | Hexokinase | 26543-9 |

| SPECIMEN REQUIREMENTS | | | | |
|-----------------------|---|---------------|---------------------------------------|-----------------------|
| Specimen | Specimen Volume (min) | 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 | Daily |
| Expected TAT | 1-2 days |
| Clinical Use | There are no established guidelines, reference ranges or criteria, for the evaluation of a three hour, four hour or five hour specimen following a five hour glucose challenge. |
| Notes | For more information on this test, access our "Specialized Tests" section. |
| CPT Code(s) | 82951, 82952x3 |
| Lab Section | Chemistry |