

**Women & Infants Hospital of Rhode Island
GLUCOSE TOLERANCE TESTS (GTT)**

Test Name or Order on Requisition:	Diabetic Screen (Non-fasting)	2 hour GTT (Non-pregnant or postpartum)	2 hour GTT (pregnant)	3 hour GTT (pregnant)	2 hour post prandial
Test Mnemonic	D/S	NP2GTT	2GTTR	3GTTP	GLU2PP
Fasting (no food or drink after midnight)	No – unless requested by physician	Yes	Yes	Yes	No
Carbohydrate Diet	No	No	No	No	Meal with >75g carbohydrates
Reason for Test	Diabetes screen for pregnant women	Diabetes testing for non-pregnant (including postpartum women)	On-step diabetes testing for pregnant women	Pregnant Women (Positive for D/S)	Diabetes
Pregnancy Status	Pregnant	Non-pregnant or Postpartum	Pregnant	Pregnant	May or may not be pregnant
Amount Glucose Drink	50 grams	75 grams	75 grams	100 grams	None
Specimen Draw Time & Plasma Glucose Reference Ranges and Interpretation Comment (mg/dL)	1-hour <130 mg/dL (WIH OB/GYN cutoff)	Normal: Fasting <100 mg/dL 2-hour <140 mg/dL Prediabetes: Fasting 100-125 mg/dL 2-hour 140-199 mg/dL Diabetes: Fasting >125 mg/dL 2-hour >=200 mg/dL	Pregnant Fasting <92 mg/dL 2 hour <153 mg/dL	<u>Fasting</u> <95 mg/dL 1-hour <180 mg/dL 2-hour <155 mg/dL 3-hour <140 mg/dL	2 hours after eating breakfast <200 mg/dL

(H:\llaprise\glucosetolerance tests-friendly chart) Revised: 8/3/04; 10/4/05 6/12/07 8/31/11; 8/2/13per Joyce Ou, MD; 1/14/2020 (following G64 Guidelines)