

GLUCOSE

METHODOLOGY

Trinder's Method

SPECIMEN

Use fresh unhaemolysed serum or plasma FLUORIDE WITH OXALATE IS USED AS AN ANTICOAGULANT. Fluoride helps to stop the breakdown of glucose. Plasma with fluoride should not be used for glucose analysis by ENZYINATIE method.

PROCEDURE (End Point)

Pipette into test tube labeled as	Blank	Standard	Test
Enzyme Glucose Reagent	1.0ml	1.0ml	1.0ml
Standard (100mg/dl)	--	10 μ l	--
Serum / Plasma	--	--	10 μ l

Mix well after each addition and incubate RT for 15minutes read absorbance of standard and test against reagent blank at 505/670 nm

NORMAL VALUES

GLUCOSE (Fasting) : 70 – 110 mg / dl

(Post Prandial) : 90 – 160 mg /dl

Random : 80 – 120 mg / dl