

Glucose Test Kit

Enzymatic Colorimetric Test

INTERPRETATION OF RESULTS

AUTOMATED PARAMETERS	
Wavelength	505 nm (490-550 nm)
Reaction Type	End Point
Cuvette	1 cm light path
Reaction Temperature	37°C
Reaction Type	Increasing
Measurement	Against Reagent Blank
Sample Volume	10µl
Reagent Volume	1000µl
Incubation	05 minutes
Blank Absorbance Limit	< 0.300
Low Normal at 37°C	60mg/dl (3.33 mmol/L)
High Normal at 37°C	110 mg/dl (6.1 mmol/L)
Linearity at 37°C	400mg/dl (22.2 mmol/L)

MANUAL ASSAY PROCEDURE

Pipette into Test Tubes.

	BLANK	STD	SAMPLE
Sample	-	-	10µl
Standard	-	10µl	-
Reagent	1000µl	1000µl	1000µl

SAMPLE DILUTIONS:

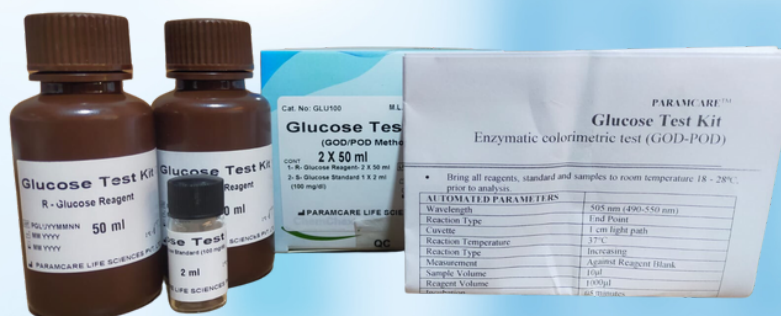
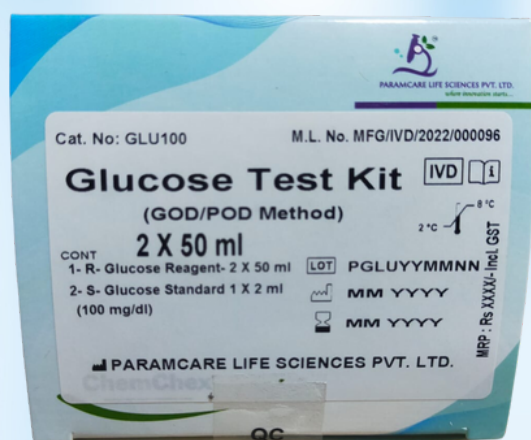
Mix & Incubate for 05 min. at 37°C or 15 min. at R.T. Measure absorbance of Sample (AT) and Standard (AS) against Reagent Blank at 505 nm. The colour is stable for 30 min. at R.T.

1. This method is linear upto a concentration of 400 mg/dL.
2. Dilute samples above this concentration 1:1 with 0.9% saline.
3. Repeat assay. Multiply the result by 2.

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LINEARITY

The method is linear upto a concentration of 400mg/dL.

Dilute samples above this concentration 1:1 with 0.9% saline solution and repeat assay. Multiply the result by 2.

Limit of detection: 2 mg/dL.

Corporate Office:-

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(E), Mumbai - 400059.

Factory Address:-

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