BIOBOON BIOTECH LLC

Glucose Hexokinase Test Kit

Enzymatic Method

- Accurate & Reliable
- Enzymatic Method
- Wide Linear Range (up to 700 mg/dL)
- Reagent Ready to Use



TEST PARAMETERS

Wavelength	340 nm
Reaction Temperature	37°C
Measurement	Against Reagent
Reaction	End Point
Reaction Direction	Increasing
Sample Volume	10 µL
Reagent Volume	800 µL + 200 µL
Incubation	5 minutes
Linearity	700 mg/dL

MANUAL ASSAY PROCEDURE

Pipette into Test Tubes.

	Standard	Sample
Reagent 1	800 µL	800 µL
Reagent 2	200 µL	200 µL
Standard	10 µL	-
Sample	-	10 µL

Mix well and incubate at 37°C for 5 min. Measure the absorbance of sample and standard against reagent blank.

SAMPLE DILUTIONS

1. This method is linear upto a concentration of 700 mg/dL.
2. Dilute samples above this concentration 1:1 with 0.9% saline.
3. Repeat assay. Multiply the result by 2.

LINEARITY & RANGE

LINEARITY
The method is linear upto a concentration of 700 mg/dL.

RECOMMENDATION
Dilute samples above 700 mg/dL, 1:1 with 0.9% saline and multiply the result by 2.

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