BIOBOON BIOTECH LLC

URIC ACID TEST KIT

Enzymatic Colorimetric Method



- *Quantitative determination of Uric Acid*
- *Enzymatic Colorimetric Method*
- *For In Vitro Diagnostic Use*

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	25 µL
Reagent volume	1000 µL
Incubation	10 minutes
Blank absorbance limit	< 0.200
Low normal	2.4 mg/dL (0.14 mmol/L)
High normal	7.2 mg/dL (0.43 mmol/L)
Linearity	25.0 mg/dL (1.50 mmol/L)

MANUAL ASSAY PROCEDURE

Pipette into Test Tubes.

	Blank	Standard	Test
Reagent 1	1000 µL	1000 µL	1000 µL
Standard	—	25 µL	—
Sample	—	—	25 µL

- Mix and incubate for 10 min at 37°C.
- Measure absorbance of Sample (AT) and Standard (AS) against Reagent Blank at 505 nm.
- Colour is stable for 30 min at R.T.

SAMPLE DILUTIONS

1. This method is linear upto 25 mg/dL.
2. Dilute samples above this concentration 1:1 with 0.9% saline.
3. Repeat assay. Multiply the result by 2.

Limit of detection: 0.5 mg/dL.

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