BIOBOON BIOTECH LLC

Creatinine (Alkaline Picrate) Test Kit

(Alkaline Picrate Method)



- Accurate & Reliable
- Alkaline Picrate Method
- Wide Linear Range (up to 25 mg/dL)
- Low Detection Limit (0.2 mg/dL)



TEST PARAMETERS

Wavelength	500 nm
Measurement	Against D/W blank
Cuvette	1 cm light path
Reaction Temperature	Room Temperature
Reaction Type	Fixed Time
Reaction Direction	Increasing
Sample Volume	100 µL
Reagent Volume	1000 µL
Delay/Lag Time	30 sec.
Interval Time	60 sec.
No. of Readings	01
Low Normal at 37°C	0.8 mg/dL
High Normal at 37°C	1.4 mg/dL
Linearity at 37°C	25 mg/dL

MANUAL ASSAY PROCEDURE

Pipette into Test Tubes.

	BLANK	STD	SAMPLE
Sample	-	-	100 µL
Standard	-	100 µL	-
Working Reagent	1000 µL	1000 µL	1000 µL

Mix and after 30 secs at R.T., read initial absorbance and start timer simultaneously. Read again after 1 min. determines ΔAbs/min. of standard (A_s) and sample (A_c) against reagent blank.

SAMPLE DILUTIONS

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

LINEARITY & SENSITIVITY

LINEARITY
The method is linear upto a concentration of 25 mg/dL.

LIMIT OF DETECTION
The limit of detection is 0.2 mg/dL.

INDIA OFFICE
BIOBOON BIOTECH INDIA LLP
207. Regent Square
2nd floor, Above D'mart shopping mall
Adajan
Surat-395009
Email: info@bioboonbiotech.com

USA ADDRESS
BIOBOON BIOTECH LLC
1526 West 3rd Street,
Plainfield, NJ, 07063
USA
Email: mahipal@bioboonbiotech.com