

## **Creatinine (Alkaline Picrate) Test Kit (Alkaline Picrate Method)**

### **INTERPRETATION OF RESULTS**

AUTOMATED 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.

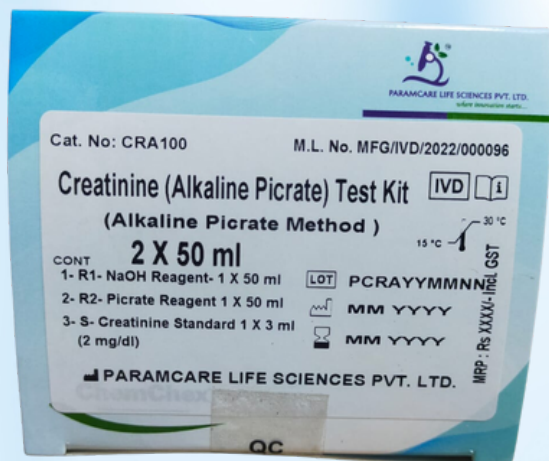
Read again after 1 min. determines  $\mu$ Abs/min. of standard (As) and sample (Ac) against reagent blank.

#### **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.

## **Creatinine (Alkaline Picrate) Test Kit (Alkaline Picrate Method)**

### **Creatinine (Alkaline Picrate) Test Kit**



### **LINEARITY**

**The method is linear upto a concentration of 25mg/dL.  
Dilute samples above this concentration 1:1 with 0.9% saline solution and repeat assay. Multiply the result by 2.**

**Limit of detection: 0.2 mg/dL.**

#### **Corporate Office:-**

C/609, 6th Floor, Mittal Commercial, Unit 2,  
Hasan Pada Road, Chimatpada Marol, Andheri  
(E), Mumbai - 400059.

#### **Factory Address:-**

G/F- 12/13, Evershine-2, Survey NO.  
307/3/1, Balitha, N.H No 48, Vapi,  
Valsad, Gujarat, 396191.