

## CK-NAC Test Kit

### Kinetic UV

## INTERPRETATION OF RESULTS

AUTOMATED PARAMETERS	
Wavelength	340nm
Cuvette	1 cm
Temperature	37° C
Measurement	Against distilled water
Reaction	Kinetic Test
Reaction Direction Ratio	Increasing
Sample Volume	20 µl
Reagent Volume	1000 µl
Delay/Lag/Time	120 Secs
Interval Time	60 Secs
No. of Readings	03
Blank Absorbance Limit	≤0.7
Factor	8200
Low Normal at 37°C	25 IU/L
High Normal at 37°C	192 IU/L
Linearity	1500 IU/L

## MANUAL ASSAY PROCEDURE

### Pipette into Test Tubes.

Working Reagent	1000 µl
Incubate at Assay temperature for 1 min and add.	
Sample	20 µl

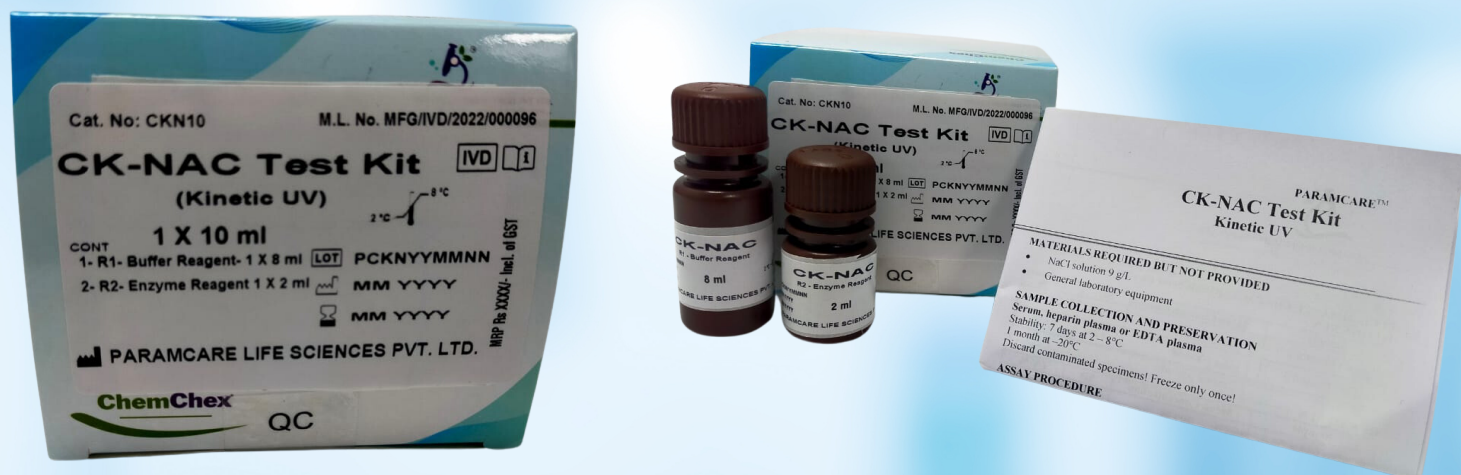
Mix well and after 5 min. measure the change in absorbance. Read the initial absorbance and start timer simultaneously, read again after every 60 seconds for 5 minutes. Calculate A/min.

### SAMPLE DILUTIONS:

1. This method is linear upto a concentration of 1500 IU/L.
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 up to a concentration of 1500 IU/L.

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

**Limit of detection:** The limit of CK- NAC is 5 IU/L.

#### Corporate Office:-

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