

## ASSAY PROCEDURE

### PIPETTE INTO TEST TUBES

	CAL	SAMPLE
Sample	-	10 $\mu$ l
Standard	10 $\mu$ l	-
Reagent	1000 $\mu$ l	1000 $\mu$ l

### SAFETY PRECAUTIONS AND WARNINGS

1. For in vitro diagnostic use only.
2. DO NOT pipette by mouth. Avoid contact with skin and eyes. If spilt, thoroughly, wash affected areas with water. For further information, consult the CRP Reagent Material Safety Data Sheet.
3. Reagent contains Sodium Azide as a preservative. This may react with copper or lead plumbing to form explosive metal azides. Upon disposal, flush with large amounts of water to prevent azide build up.
4. Do not use the reagent after the expiration date printed on the kit.

### PRINCIPLE

CRP-turbilatex is quantitative latex based turbidimetric test for the measurement of C - reactive protein (CRP) in human serum.

Latex particles coated with specific anti-human CRP are agglutinated when mixed with samples containing CRP.

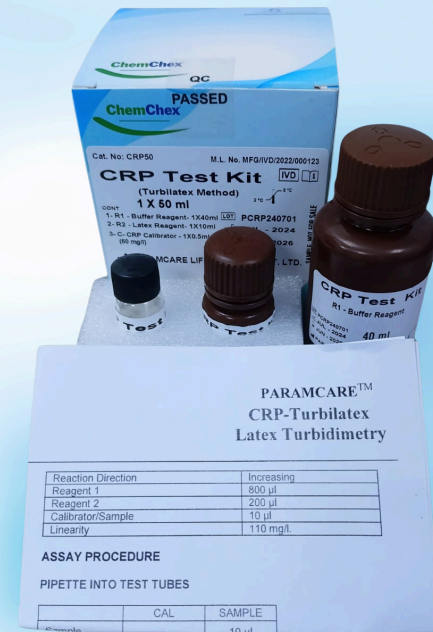
The agglutination causes an absorbance change dependent upon the CRP contents of the patient samples that can be quantified by comparison from a calibrator of known CRP concentration.

### REAGENT COMPOSITION

Reagent 1 : Tris buffer 20 mmol/l, pH 7.0  
Sodium Azide 0.95 g/L

Reagent 2 : Latex particles coated with  
goat IgG anti-human CRP, pH 7.5,  
CRP-CAL : C-reactive protein  
concentration is stated on the Vial label.

## CRP-Turbilatex



## CALCULATION

$$\text{CRP (mg/L)} = \frac{(\text{A2-A1}) \text{ Sample}}{(\text{A2-A1}) \text{ Calibrator}} \times \text{calibrator concentration}$$

### 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.