

Inflammation | CRP



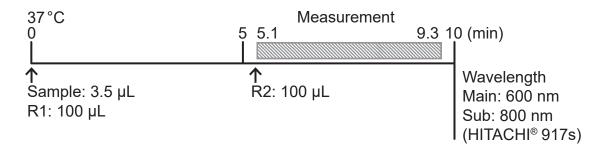
CRP HSII LT | High Sensitive Turbidimetric Assay

For the quantitative determination of CRP in serum and plasma

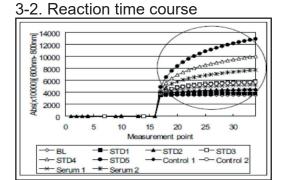
- Only one calibration for the whole range
- Applicable to clinical chemistry analyzers
- **Excellent measuring range**
- High precision
- Sensitivity 0.008 mg/dL
- Principle

Anti-human CRP antibody (goat) coated on latex particle in reagent 2 binds with CRP in the sample specifically to yield an insoluble aggregate that causes increased turbidity of the reaction solution. This turbidity can be measured optically and is proportional to the concentration of CRP in the patient's sample.

Procedure



Reaction

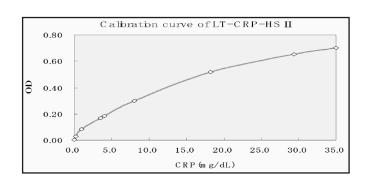




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Correlation

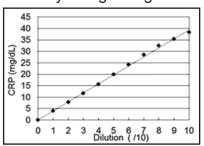


Range

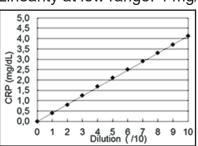
0.1 - 35 mg/dL

Linearity

Linearity at high range: 35 mg/dL

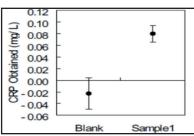


Linearity at low range: 4 mg/dL

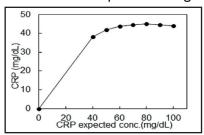


Sensitivity/ Prozone

Min. detectable level: 0.008 mg/dL



Prozone: not up to 100 mg/dL



Interference

Hemolysis, ascorbic acid and bilirubin do not have significant influences on the assay.

CE Applications

Advia 1800	Hitachi 902	Konelab 20i
AU640	Hitachi 904	Modular
AU2700	Hitachi 911	Vitros 5.1 FS
AU5400	Hitachi 912	

Ordering

Code No.	Product	Content
462-39493	CRP-HS II LT R1 (Buffer)	R1: 2 x 40 mL
468-39593	CRP-HS II LT R2 (Latex Reagent)	R2: 2 x 40 mL
460-25801	CRP-HS LT Calibrator Set HO	CAL: 5 conc. x 2 mL