

Quantia® CRP

Quantitative Turbidimetric immunoassay for determination of C-Reactive Protein

Intended Use: _____

Quantia® CRP is used for the detection of inflammatory conditions, measuring the severity of conditions, differential diagnosis of bacterial and viral infections, also used for monitoring response to therapy.

Quantia® CRP Kit components:

Quantia® CRP Activation Buffer (R1)	Ready to Use
Quantia® CRP latex Reagent (R2)	Ready to use uniform suspension of polystyrene latex particles coated with anti-CRP antibody.
Quantia® CRP Calibrator	A lyophilized preparation of serum equivalent to the stated amount of CRP on a mg/dl basis, when hydrated appropriately.
Other Accessories	Package Insert, Graph paper

Performance Characteristics:

Measuring range: 0.6 - 10 mg/dl	Prozone limit: 80 mg/dl
Specificity: Anti-CRP antibodies of IgG class specific to CRP	

FEATURES	BENEFITS
Complete kit includes Activation buffer, latex reagent and calibrator	High Specificity to C - reactive protein Ensures lot to lot reagent calibrator interface Facility of calibration in every kit
Calibrator traceable to International reference standard (85/506) for C - reactive protein	Results aligned to International standards Good inter - method agreement in results
Reagent optimized on Immediate Mixed blanking procedure	Eliminates need for separate reagent sample blanking
Well defined assay procedure	Minimal risk of random errors resulting in improved precision
Ideal sample volumes 3 µl	Minimum risk of errors
Sample blanking and testing performed in same cuvette using single sample aliquot	High precision
Ideal calibration curve	Accurate values
Wide measuring range of 0.6 - 10 mg/dl	Minimum reruns
Security range up to 70 mg/dl	No prozoning within the pathophysiological concentrations of CRP
Standardized and programmable on Quantiamate Turbidimetry analyzer	High reagent - instrument interface High Accuracy and precise values
Convenient pack size of 50/150 Tests	Ideal for medium and large labs

Storage / Stability	Temperature	Duration
Unopened kit	2-8°C	12 months
In Use Stability (Reconstituted Calibrator)	2-8°C	7 days
	25-30°C	48 hours

Available Pack Sizes	
50 Tests	150 Tests

Suggested control	Seroquant CRP Level 1
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