

## Quantia® CRP-US

### Quantitative turbidimetric immunoassay for ultrasensitive determination of C-Reactive Protein

#### Intended Use:

Quantia® CRP-US is used for the determination of very low CRP levels (ultra sensitive measurements) for future myocardial infarction and vascular risk.

#### Quantia® CRP-US Kit components:

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

#### Performance Characteristics:

<b>Measuring range:</b> 0.015 – 1.0 mg/dl	<b>Prozone limit:</b> 2.0 mg/dl
<b>Specificity:</b> 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	Ensures blanking of sample and reagent No hidden cost of reagents for blanking
Well defined assay procedure	Minimal risk of random errors resulting in improved precision Eliminates additional cost of reagents for blanking
Sample blanking and testing performed in same cuvette using single sample aliquot	High precision
Ideal calibration curve	Accurate values
Wide measuring range of 0.015 - 1.0 mg/dl	Minimum reruns
Security range up to 2.0 mg/dl	No prozoning within the prognostic ultrasensitive CRP values
Standardized and programmable on Quantiamate Turbidimetry analyzer	High reagent - instrument interface High accuracy and precision
Convenient pack size of 50/150 Tests	Ideal for medium and large labs

Storage / Stability	Temperature	Duration
Unopened kit	2-8°C	12 months
Working reagent (R1+R2)	2-8°C	7days
In Use Stability (Reconstituted Calibrator)	2-8°C	7days
	25-30°C	48 hours

Available Pack Sizes	
50 Tests	150 Tests

<b>Suggested control</b>	Seroquant CRP-US Level 1
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