

Quantia[®] C4

Quantitative turbidimetric immunoassay for the estimation of Complement C4 in human serum

Intended Use: _____

Quantia[®] C4 is used to determine Congenital deficiency in Lupus erythromatosus. Hereditary angioneurotic edema and recurrent infections.

Quantia[®] C4 Kit components:

Quantia[®] C4 Activation Buffer (R1)	Ready to use
Quantia[®] C4 anti human C4 reagent (R2)	Ready to use solution of anti-human C4 antibody
Quantia[®] C4 Calibrator	Lyophilized preparation of serum equivalent to the stated amount of C4 on mg/dl basis when hydrated appropriately
Other Accessories	Package Insert, Graph paper

Performance Characteristics:

Measuring range: 8-120 mg/dl	Prozone limit: 350 mg/dl
Specificity: Anti-human C4 antibody specific to complement component C4 in human serum	

FEATURES	BENEFITS
Complete kit includes Activation buffer, Anti-human C4 reagent and calibrator	High Specificity to complement component C4 Ensures lot to lot reagent calibrator interface Facility of calibration in every kit
Calibration traceable to IFCC reference preparation 'CRM 470'	Results aligned to International standards Good inter - method agreement in results
Reagent optimized on Real sample blanking procedure with low reagent absorbance	Ensures true blanking of sample No hidden cost of reagents for blanking
Well defined assay procedure	Minimal risk of random errors resulting in improved precision
Sample blanking and testing performed in same cuvette using single sample aliquot	High precision
Ideal calibration curve	Accurate results
Measuring range: 8 - 120 mg/dl	Minimum reruns
Security range upto 350 mg/dl	No prozoning within pathophysiological concentrations
Standardized and programmable on Quantiamate Turbidimetry analyzer	High reagent - instrument interface High Accuracy and precision
Convenient pack size of 25/50 tests	Suitable for all users

Storage / Stability	Temperature	Duration
Unopened kit	2-8°C	18 months
In Use Stability (Reconstituted Calibrator)	2-8°C	7days
	25-30°C	48 hours

Available Pack Sizes	
25 Tests	50 Tests

Suggested control	Seroquant C4 Level 1
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