

## Quantia<sup>®</sup> C3

### Quantitative turbidimetric immunoassay for the estimation of Complement C3 in human serum

**Intended Use:** \_\_\_\_\_

Quantia<sup>®</sup> C3 is used to determine C3 deficiency, recurrent infection detection and monitoring of immune complex disorders such as SLE, vasculitis, glomerulonephritis, autoimmune hemolytic anemia.

**Quantia<sup>®</sup> C3 Kit components:**

<b>Quantia<sup>®</sup> C3 Activation Buffer (R1)</b>	Ready to use
<b>Quantia<sup>®</sup> C3 anti human C3 reagent (R2)</b>	Ready to use solution of anti-human C3 antibody
<b>Quantia<sup>®</sup> C3 Calibrator</b>	Lyophilized preparation of serum equivalent to the stated amount of C3 on mg/dl basis when hydrated appropriately
<b>Other Accessories</b>	Package Insert, Graph paper

**Performance Characteristics:**

<b>Measuring range:</b> 10-360 mg/dl	<b>Prozone limit:</b> 2500 mg/dl
<b>Specificity:</b> Anti-human C3 antibody specific to complement component C3 in human serum	

FEATURES	BENEFITS
<b>Complete kit includes Activation buffer, Anti-human C3 reagent and calibrator</b>	High Specificity to complement component C3 Ensures lot to lot reagent calibrator interface Facility of calibration in every kit
<b>Calibration traceable to IFCC reference preparation 'CRM 470'</b>	Results aligned to International standards Good inter - method agreement in results
<b>Optimized on Real sample blanking procedure with low reagent absorbance</b>	Eliminates need for separate reagent / sample blanking
<b>Well defined assay procedure</b>	Minimal risk of random errors resulting in improved precision No hidden cost of reagents for blanking
<b>Sample blanking and testing performed in same cuvette using single sample aliquot</b>	High precision
<b>Ideal calibration curve</b>	Accurate results
<b>Measuring range: 10 - 360 mg/dl</b>	Minimum reruns
<b>Security range upto 2500 mg/dl</b>	No prozoning within pathophysiological concentrations
<b>Standardized and programmable on Quantiamate Turbidimetry analyzer</b>	High reagent - instrument interface High Accuracy and precision
<b>Convenient pack size of 25 tests</b>	Ideal for medium and large users

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

**Available Pack Sizes**

25 Tests

<b>Suggested control</b>	Seroquant C3 Level 1
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