

## Quantia<sup>®</sup> ASO

### Quantitative turbidimetric immunoassay for Antistreptolysin O

**Intended Use:**

Quantia<sup>®</sup> ASO is used for detection of Group A streptococcal infection such as sore throat, rheumatic fever and rheumatic heart disease.

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

<b>Quantia<sup>®</sup> ASO Activation Buffer (R1)</b>	Ready to Use
<b>Quantia<sup>®</sup> ASO latex Reagent (R2)</b>	Ready to use uniform suspension of polystyrene latex particles coated with stabilized Streptolysin 'O'
<b>Quantia<sup>®</sup> ASO Calibrator</b>	A lyophilized preparation of ASO positive serum that is equivalent to stated amount of ASO on IU/ml basis, when hydrated appropriately
<b>Other Accessories</b>	Package Insert, Graph paper

**Performance Characteristics:**

<b>Measuring range:</b> 50-800 IU/ml	<b>Prozone limit:</b> 1250 IU/ml
<b>Specificity:</b> Purified Streptolysin 'O' specific for Anti-Streptolysin 'O' antibodies	

FEATURES	BENEFITS
<b>Complete kit includes Activation buffer, latex conjugated with Stabilized Streptolysin 'O' reagent and calibrator</b>	High Specificity to Antistreptolysin 'O' Ensures lot to lot reagent calibrator interface Facility of calibration in every kit
<b>Calibrator traceable to International reference standard for Antistreptolysin 'O' (97/662)</b>	Results aligned to International standards Good inter - method agreement in results
<b>Optimized on Immediate mixed blanking procedure</b>	Ensures blanking of sample and reagent No hidden cost of reagents for blanking
<b>Well defined assay procedure</b>	Minimal risk of random errors resulting in improved precision Eliminates additional 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 values
<b>Measuring range: 50 - 800 IU/ml</b>	Minimum reruns
<b>Security range up to 1250 IU/ml</b>	No prozoning upto 1250 IU/ml
<b>Standardized and programmable on Quantiamate Turbidimetry analyzer</b>	High reagent - instrument interface High accuracy and precision
<b>Convenient pack size of 50/150 Tests</b>	Ideal pack size for all users

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

Available Pack Sizes	
50 Tests	150 Tests

<b>Suggested control</b>	SeroquantASO Level 1
--------------------------	----------------------