

## Quantia® AT III

### Quantitative turbidimetric immunoassay for the estimation of Antithrombin III in human serum

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

Quantia® AT III is used to evaluate patients at risk of developing thrombotic-embolic disease. It is also used to monitor surgical patients receiving heparin, and for the assessment of thrombotic risk of contraceptive or estrogen therapy.

**Quantia® AT III Kit components:**

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

**Performance Characteristics:**

<b>Measuring range:</b> 6.25 - 100 mg/dl	<b>Prozone limit:</b> 160 mg/dl
<b>Specificity:</b> Anti-human anti-thrombin III antibody specific to anti-thrombin III in human serum	

FEATURES	BENEFITS
<b>Complete kit includes Activation buffer, Anti-human Antithrombin reagent and calibrator</b>	High Specificity to complement component C3 Ensures lot to lot reagent calibrator interface Facility of calibration in every kit
<b>Calibrator traceable to Second International standard for Antithrombin, plasma (93/768)</b>	Results aligned to International standards Good inter - method agreement in results
<b>Reagent optimized on Immediate mixed blanking procedure</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 costs 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: 6.25 - 100 mg/dl</b>	Minimum reruns
<b>Security range upto 160 mg/dl</b>	No prozoning within pathophysiological concentrations
<b>Standardized and programmable on Quantimate Turbidimetry analyzer</b>	High reagent - instrument interface High Accuracy and precision
<b>Convenient pack size of 25 Tests</b>	Ideal pack size for medium and large users

Storage / Stability	Temperature	Duration
<b>Unopened kit</b>	2-8°C	18 months
<b>Working reagent (R1+R2)</b>	2-8°C	7days
<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 Antithrombin Level 1
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