

Quantia® Apo A-1

Quantitative immunoturbidimetric assay for the estimation of Apolipoprotein A-1 in human serum

Intended Use:

Quantia® Apo A-1 is used in the estimation of Apo A-1 levels which are useful in determining the cholesterol clearing capacity of the blood. In patients with known Coronary Artery Disease (CAD) on treatment with lipid lowering drugs, levels of Apo A-1 are a significant predictor for recurrent cardiovascular events.

Quantia® Apo A-1 Kit components:

Quantia® Apo A-1 Activation buffer (R1)	Ready to Use
Quantia® Apo A-1 reagent (R2)	Ready to use solution of anti-ApoA-1 antibody
Quantia® Apo A-1 Calibrator	Lyophilized preparation of serum equivalent to the stated amount of Apo A-1 on mg/dl basis, when hydrated appropriately
Other Accessories	Package Insert, Graph paper

Performance Characteristics:

Measuring range: 20 - 600 mg/dl	Prozone limit: 2500 mg/dl
Specificity: Anti-ApoA1 antibody specific to ApoA1 in human serum	

FEATURES	BENEFITS
Complete kit includes Activation buffer, Anti - Apo A-1 reagent and calibrator	High Specificity to Apolipoprotein A- 1 Ensures lot to lot reagent calibrator interface Facility of calibration in every kit
Calibrator traceable to secondary reference preparation calibrated against SP1 - 01	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 Eliminates need for separate reagent blanking
Well defined assay procedure	Minimal risk of random errors resulting in improved precision No hidden costs 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: 20 - 600 mg/dl	Minimum reruns
Security range upto 2500 mg/dl	No prozoning is usually encountered within pathophysiological concentrations
Standardized and programmable on Quantimate Turbidimetry analyzer	Ideal reagent – instrument interface High Accuracy and precision
Convenient pack size of 50 Tests	Ideal pack size for all users

Storage / Stability	Temperature	Duration
Unopened kit	2-8°C	18 months
In Use Stability (Reconstituted Calibrator)	2-8°C	4 days
	25-30°C	8 hours

Available Pack Sizes
50 Tests

Suggested control	SeroquantApoA-1 Level 1
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