

Quantia® IgM

Quantitative turbidimetric immunoassay for the estimation of Immunoglobulin M (IgM) in human serum

Intended Use:

Quantia® IgM is used in monitoring patients with Waldenstrom's macroglobulinemia. Estimating frequent, chronic and acute infections and screening of congenital infection.

Quantia® IgM Kit components:

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

Performance Characteristics:

Measuring range: 40-800 mg/dl	Prozone limit: 3200 mg/dl
Specificity: Anti-human IgM antibody specific to IgM in human serum	

FEATURES	BENEFITS
Complete kit includes Activation buffer, Anti-human IgM reagent and calibrator	High Specificity to Immunoglobulin class IgM Ensures lot to lot reagent calibrator interface Facility of calibration in every kit
Calibrator traceable to IFCC reference preparation 'CRM 470'	Results aligned to International standards Good inter - method agreement in results
Optimized on Real sample blanking procedure with low reagent absorbance	Eliminates need for separate reagent / sample 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
Measuring range: 40 - 800 mg/dl	Minimum reruns
Wide security range	No prozoning upto 3200 mg/dl
Standardized and programmable on Quantiamate Turbidimetry analyzer	High reagent - instrument interface High Accuracy and precise values
Convenient pack size of 25 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

Suggested control	Seroquant IgM Level 1
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