Quantia® RF
Quantitative turbidimetric immunoassay for determination of Rheumatoid Factors

Intended Use:
Quantia® RF is used for the detection of Rheumatoid Arthritis (RA), Differential diagnosis of RA from Rheumatic fever and other rheumatic disorders.

Quantia® RF Kit components:
- Quantia® RF Activation Buffer (R1) Ready to Use
- Quantia® RF latex Reagent (R2) Ready to use uniform suspension of polystyrene latex particles coated with suitably modified Fc fraction of human IgG
- Quantia® RF Calibrator A lyophilized preparation of RF positive serum that is equivalent to stated amount of RF on IU/ml basis, when hydrated appropriately
- Other Accessories Package Insert, Graph paper

Performance Characteristics:
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<th>Measuring range: 20 - 160 IU/ml</th>
<th>Prozone limit: 1250 IU/ml</th>
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<td>Specificity: Suitably modified Fc fraction of human IgG specific for IgM rheumatoid factors</td>
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FEATURES | BENEFITS
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Complete kit includes Activation buffer, latex based Fc fraction of aggregated human IgG reagent and calibrator | High Specificity to heterospecific IgM - RF
Ensures lot to lot reagent calibrator interface
Facility of calibration in every kit

Calibration traceable to WHO International reference preparation of Rheumatoid arthritis serum | Results aligned to International standards
Good inter - method agreement in results

Reagent optimized on Immediate mixed blanking procedure | Eliminates need for separate reagent / sample blanking

Well defined assay procedure | Minimal risk of random errors resulting in improved precision
No hidden cost of reagents for blanking

Sample blanking and testing performed in same cuvette using single sample aliquot | High precision

Ideal calibration curve | Accurate results

Measuring range: 20-160 IU/ml | Minimum reruns

Security range upto 1250 IU/ml | No prozoning within pathophysiological concentrations

Results based on calibration curve | Ensures accuracy in values

Standardized and programmable on Quantiamate Turbidimetry analyzer | High reagent - instrument interface
High accuracy and precision

Convenient pack size of 50/150 tests | Ideal for medium and large users

Storage / Stability | Temperature | Duration | Available Pack Sizes
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Unopened kit | 2-8°C | 12 months | 50 Tests | 150 Tests
In Use Stability | 2-8°C | 7 days |
(Reconstituted Calibrator) | 25-30°C | 48 hours |

Suggested control | Seroquant RF Level 1