

Turbilyte[®] RF

Turbidimetric immunoassay for the determination of Rheumatoid Factors in human serum

Intended Use: _____

Turbilyte[®] RF, a turbidimetric immunoassay for the determination of Rheumatoid Factors in human serum. Quantified measurement of initial RF level and especially repeated initial RF level and especially repeated measurements of RF at regular intervals seems to add significantly to the prognostic value of RF in distinguishing between progressive and non - progressive disease in early Rheumatoid Arthritis.

Turbilyte[®] RF kit components:

Turbilyte[®] RF Activation buffer (R1)	Ready to Use
Turbilyte[®] RF Latex reagent (R2)	Ready to use uniform suspension of polystyrene latex particles coated with suitably modified Fc fraction
Turbilyte[®] RF Calibrator	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

Performance Characteristics:

Linearity: 100 IU/ml	Prozone limit: 1250 IU/ml
Detection Limit: 10 IU/ml	

FEATURES	BENEFITS
Incorporates latex coated with Fc fraction of aggregated human IgG reagent and calibrator	High specificity to heterospecific IgM RF
Calibrator traceable to WHO International reference preparation of Rheumatoid arthritis serum	Results aligned to International standards Good Intermethod agreement in results
Reagent optimized on Immediate blanking procedure	Eliminates need for separate reagent / sample blanking
Single standard procedure on fixed time program	Programmable on all analyzers
Rapid 2 minutes procedure	High throughput
Security limit 1250 IU/ml	No prozone effect upto 1250 IU/ml of RF

Storage / Stability	Temperature	Duration
Unopened kit	2–8°C	15 months
Working reagent (R1+R2)	2–8°C	7 days
In Use Stability (Reconstituted Calibrator)	2–8°C	7 days
	25–30°C	48 hours

Available Pack Sizes	
50 Tests	100 Tests