

# RHEUMATOID FACTORS

Turbidimetry  
LATEX

The application parameters comprised here constitute a guide to facilitate the validation of our reagents by the instrument. It is advisable to validate the use when there is any change in software or reagent versions.

## Instrument: **ADVIA 1650**

### Reagent preparation

Reagent 1: use the Diluent. Stable for 28 days at 2-8 °C.

Reagent 2: use the Latex. Shake the Latex vial gently before using.

### Instrument settings

ANALYTICAL PARAMETERS		Reanalysis conditions		Multi-Standards setting			
<u>Analytical Conditions</u>		Serum reac. smp. vol. (μ)	0.00	Formula	Quadratic	Axis conv.	No convert.
R1 volume	80.00	Serum dilut. method (μ)	None	Points	5		
R2 volume	0.00	Serum reac. smp. vol. (d)	0.00				
R3 volume	20.00	Serum dilut. method (d)	None	FV	Dil. Method	Dil. Smp. Vol	Diluent Vol.
R4 volume	0.00			BLK			
R1 diluent vol.	0.00	<u>Standards setting</u>		1	* x 0.125	None	0.0
R2 diluent vol.	0.00	BLK H	9.9999	2	* x 0.25	None	0.0
R3 diluent vol.	0.00	BLK L	-9.9999	3	* x 0.5	None	0.0
R4 diluent vol.	0.00	STD H	9.9999	4	* x 0.75	None	0.0
Serum reac. s. vol.	3.50	STD L	-9.9999	5	*	None	0.0
Serum dil. method	Standard	FV	0.0000	* assigned value			
Reaction time	10 min.	Abnml. (serum) H	160.00				
Reagent 1 stir.	Weak	Abnml. (serum) L	2.00				
Reagent 2 stir.	Weak						
Reagent 3 stir.	Weak						
Reagent 4 stir.	Weak						
<u>Sub-analy. conditions</u>		<u>Calculation method setting</u>				<u>Reaction rate method</u>	
Name	RF	M-DET. P. l	0	Prozone		Cycle	3
Digits	2	M-DET. P. m	95	Prozone form.	None	Factor	3.0
M-wave. L.	658 nm	M-DET. P. n	98	Prozone limit	9.999	Reac. Type	Inc.
S-wave. L.		S-DET. P. p	0	Prozone judge	Upper limit	E2 corre.	Not do
Analy. mthd.	EPA	S-DET. P. r	0	Judge limit	9.999	Blank (μ)	9.9999
Calc. mthd	MSTD			M-DET. P. m.	0	Blank (d)	-9.999
Qualit. judg.	Not do	Check D.P.I.	0	M-DET. P. n.	0	Sample (μ)	9.9999
		Limit value	0.003	S-DET. P. p.	0	Sample (d)	-9.999
		Variance	10.0	S-DET. P. r.	0		
						<u>Endpoint method</u>	
						Re. Absorb (μ)	9.9999
						Re. Absorb (d)	-9.999