

# FERRITIN

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: **ALCYON 300 (=FALCOR)**

### Reagent preparation

Working Reagent: Mix four volumes of Diluent with one volume of Latex.

Stable for 1 day at 2-8°C.

Shake the latex vial gently before using.

### Instrument settings

Type	Kin. 1	Primary Wavelength	550
Unit	µg/L	High Wavelength	---
Number of decimals	0	Low Wavelength	---
Diluent	99 Diluent	Systematic serum blank	NO
Pre-washing	NO	Depletion Limit	2.0000
First reagent vol. (µl)	300	T Tolerance Factor	0.1000
Second reagent vol. (µl)	0	C Compensation Factor	1.0000
Sample Volume (µl)	30		
Lower normal value	20	Slope	1.00
Higher normal value	220	Intercept	0.00
Dilution factor	1		
Systematic dilution	1	Reaction delay	00:12
Dilution For Urine	1	Incubation	04:48
		Total	05:00
Low Reagent Blank	0.0100		
High Reagent Blank	1.3000		
Maximum Deviation	0.0200		