

IRON

Spectrophotometric
FERROZINE

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

Reagent 1: use the Reagent A.
Reagent 2: use the Reagent B.

Instrument settings

Type	Kin. 1	Primary Wavelength	550
Unit	µg/dL	High Wavelength	600
Number of decimals	0	Low Wavelength	---
Diluent	99 Diluent		
Pre-washing	NO		
First reagent vol. (µl)	200	Depletion Limit	1.0000
Second reagent vol. (µl)	50	T Tolerance Factor	0.1200
Sample Volume (µl)	20.0	C Compensation Factor	1.0000
Lower normal value	55	Slope	1.00
Higher normal value	155	Intercept	0.00
Dilution factor	1	2 nd Reagent dispense delay	02:00
Systematic dilution	1	Reaction delay	00:36
Dilution For Urine	1	Incubation	03:00
		Total	03:36
Low Reagent Blank	0.0100		
High Reagent Blank	2.0000		
Maximum Deviation	0.0200		