

# 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.

## Instruments: **CX-4/5/7**

### 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

Test Name	FERRI	Calculation Factor	0
Reaction Type	ENDPOINT 2	Math Model	LINEAR
Reaction Direction	POSITIVE	Cal. Time Limit	336 hr.
Units	µg/L	Nº of Calibrators	1
Decimal Precision	X	Secondary Wavelength	700
Primary Wavelength	520 nm		
Sample Volume	25 µL	<b>CALIBRATION</b>	<b>MULTIPOINT SPAN</b>
Primary Inject Reagent		Nº 1	*
A:	200 µL	Nº 2	
B:		Nº 3	
Secondary Inject Reagent		Nº 4	
C:	50 µL	Nº 5	
Add Time	336 sec.	Nº 6	
<b>REAGENT BLANK</b>		<b>REACTION</b>	
Start Read	352	Start Read	704
End Read	368	End Read	720
Low ABS Limit	-1.500	Low ABS Limit	-1.500
High ABS Limit	1.500	High ABS Limit	1.500
<b>USABLE RANGE</b>		<b>SUBSTRATE DEPLETION</b>	
Lower Limit	4	Initial Rate	99.999
Upper Limit	300	Delta ABS	1.500
		* assigned standard value	