

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.

Instruments: EXPRESS 550 / Plus

Reagent preparation

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

Instrument settings

Test Name	IRON	Test	IRON		
Test Bar Code					
Test Type	End Point	Curve Type	Blanked Linear		
Units	µg/dL	Nr. of Decimal Places	0		
Primary Wavelength	570	Secondary Wavelength	600		
Read Time/Interval Factor	20	Sample Blank	Yes		
Calibration Interval	168 hours	Nr. of Replicates	2		
Nr. of Calibrators	2				
Low Blank A Limit	0.020	High Blank A Limit	2.000		
Low A Limit	-0.005	High A Limit	2.000		
Low Normal	55	High Normal	155		
Linearity Limit	1000	Curve S.D. Limit	8.0		
Sample Volume	30 µL	Test	IRON		
Rerun Dilution Ratio	2				
Sample Diluent Bottle Type	*	Predilution Ratio	1		
Reagent Diluent Bottle Type	*				
Reagent Diluent Bar Code	FE1A				
	Reagent Volume	Bar Code	Diluent Volume	Lag Time	Bottle Type
Reagent 1	240 µL	FE1A		30	*
Reagent 2	60 µL	FE2A		550	*
			* Enter the bottle type: plastic or glass		