

# 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: XL-600 (=XL-300+ISE)

### Reagent preparation

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

### Instrument settings

Test Code Test	<b>IRON</b>						Reported Name	<b>IRON</b>					
Assay Type	<b>2 POINT</b>						Assay Points	M1Start	M1End	M2Start	M2End		
Wavelength	Primary	<b>570</b>	Secondary	<b>600</b>			Con. Interval	*					
							Sample Repli.	<b>1</b>					
	Serum			Urine									
	Sample	Predil	Diluent	Sample	Predil	Diluent							
S. Vol. Normal	<b>50</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		Vol.	Pos.	Size			
S. Vol. Decr	<b>20</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	R 1	<b>200</b>	*	<b>L</b>			
S. Vol. Incr	<b>60</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	R 2	<b>50</b>	*	<b>S</b>			
Std. Volume	<b>50</b>						Reagent Stability	Effective Days					
ABS Limit	<b>0</b>			<b>0</b>				Min	Max				
React. Dir.	<input type="radio"/>		Decr	<input checked="" type="radio"/>		Incr							
Prozone Limit	0		<input type="radio"/>	Upper	<input type="radio"/>	Lower	Reagent ABS	<b>0</b>		<b>0.1</b>			
Unit	<b>µg/dL</b>						Decimal Point	<b>0</b>		Tech. Serum Lim.	<b>0</b>		
							Tech. Urine Lim.	<b>0</b>		<b>0</b>			
							Panic Limit	*		*			
Normal Values	AGE	Male		Female									
		Min	Max	Max	Max								
Serum	<b>Default</b>	<b>65</b>	<b>170</b>	<b>50</b>	<b>170</b>		Auto Dil.	<input checked="" type="radio"/>	<b>Yes</b>	<input type="radio"/>	No		
Serum							Y=aX+b	a =	<b>1</b>	b =	<b>0</b>		
Serum													
Urine values													
							* Data entered by the operator						
Calibration curve	<b>Straight</b>												

In the **Std. Volume (Pre/Norm/Dil)** field, enter the **S. Vol. Normal ((Pre/Norm/Dil)** values