PHOSPHORUS

Spectrophotometric
PHOSPHOMOLYBDATE/UV

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

Working Reagent: Mix 35 mL Reagent A + 15 mL Reagent B. Mix thoroughly. Stable for 12 months at 15-30 ºC.

Instrument settings

Test Code				Reported Name			PHOSPHORUS					
Test	**PHOS**											
								M1Start	M1End	M2Start	M2End	
Assay Type	**2 POINT**						Assay Points	**12**	**12**	**51**	**51**	
Wavelenght	Primary	**340**		Secondary		**0**	Con. Interval	*				
							Sample Repli.	**1**				
	Serum			Urine								
	Sample	Predil	Diluent	Sample	Predil	Diluent						
S. Vol. Normal	**3**	**0**	**0**	**20**	**3**	**180**		Vol.	Pos.	Size		
S. Vol. Decr	**30**	**9**	**225**	**10**	**3**	**190**	R 1	**220**	*	**L**		
S. Vol. Incr	**6**	**0**	**0**	**40**	**3**	**160**	R 2	**85**	*	**S**		
Std. Volume	**3**						Reagent Stability		Effective Days			
ABS Limit		**0**			**0**							
React. Dir.		○	Decr		⊙		**Incr**	Min		Max		
Prozone Limit		0	○	Upper	○	Lower		Reagent ABS	**0**		**0.4**	
Unit		**mg/dL**		Decimal Point		**2**		Tech. Serum Lim.	**0**		**20**	
								Tech. Urine Lim.	**0**		**0**	
								Panic Limit	*		*	
Normal Values	AGE		Male		Female							
			Min	Max	Max	Max						
Serum	**Default**		**2.5**	**4.5**	**2.5**	**4.5**	Auto Dil.	⊙	**Yes**	○	No	
Serum												
Serum							Y=aX+b	a =	**1**	b =	**0**	
Urine values												
			* Data entered by the operator									
Calibration curve	**Straight**											

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

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