

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.

Instruments: EXPRESS 550 / Plus

Reagent preparation

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

Instrument settings

Test Name	PHOSPHORUS		Test	PHOS	
Test Bar Code					
Test Type	End Point		Curve Type	Blanked Linear	
Units	mg/dL		Nr. of Decimal Places	2	
Primary Wavelength	340		Secondary Wavelength	600	
Read Time/Interval	20		Sample Blank	Yes	
Factor					
Calibration Interval	168 hours		Nr. of Replicates	2	
Nr. of Calibrators	2				
Low Blank A Limit	-0.100		High Blank A Limit	1.500	
Low A Limit	-0.100		High A Limit	2.000	
Low Normal	2.7		High Normal	4.5	
Linearity Limit	20		Curve S.D. Limit	10.0	
Sample Volume	3 µL		Test	PHOS	
Rerun Dilution Ratio	2				
Sample Diluent Bottle Type	*		Predilution Ratio	1	
Reagent Diluent Bottle Type	*				
	Reagent Volume	Bar Code	Diluent Volume	Lag Time	Bottle Type
Reagent 1	250 µL	PH1A		30	*
Reagent 2	110 µL	PH2A		90	*
			* Enter the bottle type: plastic or glass		