

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: **PRESTIGE 24i(=LABMAX 240, ZAPHYR 400)**

Reagent preparation

Reagent 1: Use the Reagent A.

Reagent 2: Use the Reagent B.

Instrument settings

Item Name	PHOS		CALIBRATION		LINEAR	
DATA INFORMATION			Type	STANDARD		
Units	mg/dL		#1	*	#4	
Decimal	1		#2		#5	
ANALYSIS			#3		#6	
Type	END					
Main W. Length 1	340		NORMAL RANGE			
Main W. Length 2	---		MALE		FEMALE	
Method	Phosphomolybdate		LOW	HIGH	LOW	HIGH
CORR.			SERUM	2.7	4.5	2.7 4.5
			URINE			
Y =	Slope	Inter				
	1 X	+ 0				
ASPIRATION			DATA PROCESS	ABSORB LIMIT		
KIND	Double		READ	START	END	
	VOLUME		MAIN	52	54	Low 0.0
SAMPLE	3 µL		SUB	28	30	High 2.5
REAGENT 1 VOL	210 µL		FACTOR			ENDPOINT LIMIT 2.5
REAGENT 2 VOL	90 µL		Blank correction ---			LINEAR CHECK (%) 0
R1 Blank	Water Blank		Third Mix. OFF			
Auto Rerun SW	On		Auto Rerun Condition		(Absorbance)	
			Absorbance Range		Lower On	
Auto Rerun Range(Result)	On				Higher On	
	Lower Higher		Prozone Range		Off	
Serum	0.0 20.0					
Urine	---		* assigned standard value			