

# 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: **ALCYON 300 (= FALCOR)**

### 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

Type	End Pt.	Primary Wavelength	340
Unit	mg/dL	High Wavelength	---
Number of decimals	1	Low Wavelength	---
Diluent	99 Diluent	Systematic serum blank	NO
Pre-washing	NO	T Tolerance Factor	0.0100
First reagent vol. (µl)	200	Antigen Excess test (%)	NO
Second reagent vol. (µl)	0		
Sample Volume (µl)	2.0		
Lower normal value	2.7	Slope	1.00
Higher normal value	4.5	Intercept	0.00
Systematic dilution	1	Reaction delay	02:36
Dilution For Urine	10	Incubation	00:00
		Total	02:36
Low Reagent Blank	0.0000		
High Reagent Blank	0.5000		
Maximum Deviation	0.0200		