

ACID PHOSPHATASE (ACP)

Continuous-spectrophotometric
SFBC

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: Stopper the vial with the cap containing α -naphthyl phosphate and press the red button until the solute falls into the vial. Add 10 mL of Reagent A1 (Total ACP) or 10 mL of Reagent A2 (Non Prostatic ACP). Cap and shake until dissolved. Stable for 10 days at 2-8°C.

Instrument settings

Type	Kin. 0	Primary Wavelength	405	
Unit	U/L	High Wavelength	---	
Number of decimals	1	Low Wavelength	---	
Diluent	99 Diluent	Systematic serum blank	NO	
Pre-washing	NO	High limit	0.0800	
First reagent vol. (μ l)	200	Depletion limit	0.4000	
Second reagent vol. (μ l)	0	C Compensation Factor	1.0000	
Sample Volume (μ l)	20.0	Slope	1.00	
Lower normal value	0	37 °C	Intercept	0.00
Higher normal value	10.0	37 °C	Reaction delay	03:48
Dilution factor	2			
Systematic dilution	1			
Dilution For Urine	1			
Low Reagent Blank	0.0000			
High Reagent Blank	1.0000			
Maximum Deviation	0.0300			