

CALCIUM

Spectrophotometric
METHYLTHYMOL BLUE

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 equal volumes of Reagent A and Reagent B. Mix thoroughly.
Stable for 2 days at 2-8°C.

Instrument settings

Type	End Pt.	Primary Wavelength	600
Unit	mg/dL	High Wavelength	---
Number of decimals	2	Low Wavelength	---
Diluent	99 Diluent	Systematic serum blank	NO
Pre-washing	NO	T Tolerance Factor	0.0100
First reagent vol. (μl)	300	Antigen Excess test (%)	NO
Second reagent vol. (μl)	0		
Sample Volume (μl)	3.0		
Lower normal value	9.0	Slope	1.00
Higher normal value	10.7	Intercept	0.00
Systematic dilution	1	Reaction delay	01:36
Dilution For Urine	1	Incubation	00:00
		Total	01:36
Low Reagent Blank	0.1000		
High Reagent Blank	2.2000		
Maximum Deviation	0.0360		