

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.

Instruments: DIMENSION AR / RxL

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

Test:	CA		Name:	CA			
Channel:	CA (**)		Method:	Normal		Std. Curve: Linear	
Measure:	Endpoint		Ref. Wavelength:	700 nm			
Act. Wavelength:	600 nm						
Sample Time	Volume		Dilution	Mix			
0.0	4 µL		15 µL	gentle			
Reagent delivery time	Comp.1	Comp.2/3	Dilution	Mix			
1.: -60.0	(A) 310 µL		30 µL	gentle			
2.:							
3.:							
Photometry	Factor		1	2	3	4	5
Time			Comp	(A)	(A)	(A)	(A)
1.: -30 sec				(A)	(A)	(A)	(A)
2.: 95 sec							
Method parameter							
Method:	CA		Decimal places:	1			
Units:	mg/dL		Calculation:	-			
		Normal Range	Technical Range				
Serum/Plasma		9.0 – 10.7	0 - 15				

(**) Data entry by the user