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: **SATURNO 300 (=HUMASTAR 300, ANAQUIM 300)**

Reagent preparation

Working Reagent: Mix equal volumes of Reagent A and Reagent B. Mix thoroughly.
Stable for 2 days at 2-8ºC.

Instrument settings

GENERAL		
Test Name		Ca-MTB
Meas. Unit		mg/dL
Decimal		2
REFERENCE	Min	Max
Boy	8.6	10.3
Girl	8.6	10.3
Age Limit	...	
Male	8.6	10.3
Female	8.6	10.3
Age Limit	...	
Male	8.6	10.3
Female	8.6	10.3
LINEARITY LIMIT		15 mg/dL
QUALITY CONTROL		
Repeat control every (hrs.)		...
SAMPLE		
Voluma (µL)		3
Predil.ratio		
REAGENTS	First	Second
Features		-
Volumes (µL)	300	0
Incub. (sec.)	140	0
Cooling	Yes	0
Stabil. (hrs)	99	99
Lot Number	...	...
Bottles type	1	-
ID First	...	...
ID Second	...	...

FILTERS	
First	620
Second	0
Bichromatic Factor	1
REACTION	
Type	End Point
Read Time	1
CHECK ABSORBANCE	(mAbs)
R. Blank (min)	-100
R. Blank (max)	800
Substr. Dept Lim	0
CALCULATION	Multistandard
Factor	-
Std. 1	*
Std. 2	-
Std. 3	-
Std. 4	-
Std. 5	-
Reag. Bias Subst	No
LINEAR CORRELATION	
Intercept	0
Slope	1

(...) Values entered by the operator
(*) Enter the value of the calibrator

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