

# 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: RA-XT (=OPERA)

### 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

CHEM. #	(*)
NAME	CA MTB
IMMUNOASSAY	NO
TYPE	ENDPOINT
INVERSE	NO
% SAMPLE VOL.	7 (3.5 µL)
FILTER P.	600
BIC. CHEM.	NO
DELAY TIME	2:00
BLANK TYPE	NO
% REAGENT VOL.	70 (350 µL)
2 <sup>ND</sup> REAGENT	NO
UNITS	mg/dL
UNIT FACTOR	1.000
DECIMAL	1
RBL. LOW	0.000
RBL. HIGH	0.350
RANGE LOW	0.00
RANGE HIGH	15.0
CAL. FACTOR	(**)
STANDARD VALUE	(***)
REAGENT RATE	0.000
NORMAL LOW	9.0
NORMAL HIGH	10.7
SLOPE	1.00
INTERCEPTION	0.00
ENDPOINT LIMIT	0.020
	(*) Data entered by the operator
	(**) CAL. FACTOR is determined by a calibration assay
	(***) Assigned value of the standard