

# 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: **BT TARGA 2000/3000 (=ATAC 8000)**

### Reagent preparation

Reagent 1: Use the Reagent A.  
Reagent 2: Use the Reagent B.

### Instrument settings

|  |            |                  |     |
|--|------------|------------------|-----|
| Test Type                                      |            | End Point Double |     |
| Serum Starter                                  |            | Active           |     |
| Filters  | (A/B)      | 630 / 700        |     |
| Units  |            | mg/dL            |     |
| Test Method                                    |            | With factor      |     |
| Test Methodology                               |            |                  |     |
| Number of Washes                               |            | 1                | 2   |
| Delay Time                                     | (Sec)      | 120              |     |
| Inc. Reagent                                   | (Sec)      | 0                | 120 |
| Reading Time                                   | (Sec)      | 10               |     |
| Test Limit                                     | (Conc)     | 15               |     |
| Max Abs Delta                                  | (mABS)     | 0.00             |     |
| Reagent mABS Limit                             |            | 700              |     |
| Reagent A/B                                    | ( $\mu$ L) | 250              | 250 |
| Reaction Direction                             |            | Increasing       |     |
| Reagent Dilution                               |            | 1:1              |     |
| Initial ABS                                    | (mABS)     | 0.00             |     |
| Curve Acceptance                               |            | 100 %            |     |
| Automatic Profile                              | (Inactive) |                  |     |
| Rerun Test Rgt BLK H:M                         |            | 00:00            |     |
| <b>Serum Parameters</b>                        |            |                  |     |
| Test's Name                                    |            | Calcium          |     |
| Sample Volume                                  | ( $\mu$ L) | 6                |     |
| Dilution Ratio                                 |            | 1:2              |     |
| Min. Max. M                                    |            | 9.0 – 10.7       |     |
| Min. Max. F                                    |            | 9.0 – 10.7       |     |
| Min. Max. B                                    |            |                  |     |
| (*) Input the assigned value of the calibrator |            |                  |     |