

# ALANINE AMINOTRANSFERASE (ALT/GPT)

Continuous-spectrophotometric  
IFCC

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

Working Reagent: Pour the contents of the Reagent B into the Reagent A bottle. Mix gently.  
Stable for 2 months at 2-8°C.

### Instrument settings

|  |            |                          |
|--|------------|--------------------------|
| Test Type                                      |            | Kinetic Single           |
| Serum Starter                                  |            | Inactive                 |
| Filters  | (A/B)      | 340 / 700                |
| Units  |            | U/L                      |
| Test Method                                    |            | With factor              |
| Test Methodology                               |            |                          |
| Number of Washes                               |            | 1                        |
| Delay Time                                     | (Sec)      | 0                        |
| Inc. Reagent                                   | (Sec)      | 120                      |
| Reading Time                                   | (Sec)      | 120                      |
| Test Limit                                     | (Conc)     | 500                      |
| Max Abs Delta                                  | (mABS)     | 300                      |
| Reagent mABS Limit                             |            | 900                      |
| Reagent A/B                                    | (µL)       | 300                      |
| Reaction Direction                             |            | Decreasing               |
| Reagent Dilution                               |            | 1:1                      |
| Initial ABS                                    | (mABS)     | 1999                     |
| Curve Acceptance                               |            | 100 %                    |
| Automatic Profile                              | (Inactive) |                          |
| Rerun Test Rgt BLK H:M                         |            | 00:00                    |
| <b>Serum Parameters</b>                        |            |                          |
| Test's Name                                    |            | Alanine aminotransferase |
| Sample Volume                                  | (µL)       | 30                       |
| Dilution Ratio                                 |            | 1:5                      |
| Min. Max. M                                    |            | 0 - 41                   |
| Min. Max. F                                    |            | 0 - 41                   |
| Min. Max. B                                    |            |                          |
| (*) Input the assigned value of the calibrator |            |                          |