

# GAMMA-GLUTAMYLTRANSFERASE

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.

## Instrument: SPECTRUM CCX

### 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 DEFINITION                         |                      |                           |                |      |       |      |                     |
|---|----------------------|---------------------------|----------------|------|-------|------|---------------------|
| ENTRY NAME                              | GGT                  | SAMPLE (µL)               | NORMAL         |      |       |      | 15                  |
| REPORT NAME                             | GGT                  |                           | LOW            |      |       |      |                     |
| RATIO REF.                              | GGT                  |                           | HIGH           |      |       |      | 1.25                |
| TEST NUMBER                             | ***                  | UNITS PRIM                |                |      |       |      | U/L                 |
| TEST TYPE                               | CALIBRATED           | SEC. UNIT FACTOR          |                |      |       |      |                     |
| MATH                                    | LIN REG RATE KIN BL  | PRINT DIGITS              |                |      |       |      | 1                   |
| REACTION DIRECTION                      | UP                   | INST MUL                  | 1.000          | INT  | 0.000 |      |                     |
| REAGENTS                                | 1                    | NORMAL ( C )              |                |      |       |      | 15 TO 86            |
| TEMPERATURE                             | 37                   | SAMPLE DISP. DELAY (sec.) |                |      |       |      | 0                   |
| TEST BLANK TYPE                         | SERUM BLANK          |                           |                |      |       |      |                     |
| LINEAR MODEL CALIBRATION DEFINITION     |                      |                           |                |      |       |      |                     |
| TEST NAME                               | GGT                  | TEST TYPE                 |                |      |       |      | CALIBRATED          |
| COMB. TEST                              |                      | MATH MODEL                |                |      |       |      | LIN REG RATE KIN BL |
| TOLERANCE RANGE (ABS/MIN)               | -10000.00 TO 1000.00 | CAL INTERVAL (hr.)        |                |      |       |      | 720                 |
| CALIBRATOR                              | LEVEL ( C )          | REPLICATES                |                |      |       |      |                     |
| WATER                                   | 0.000                | 1                         |                |      |       |      |                     |
| TEST PARAMETER FILE: REAGENT DEFINITION |                      |                           |                |      |       |      |                     |
| REAGENT NAME                            | GGT                  | REAGENT NUMBER            | 1 FOR TEST GGT |      |       |      |                     |
| REAGENT VOL (µL) NORM                   | 220                  | LINEARITY [C]             |                |      |       |      | 0.00 TO 300         |
| LOW                                     | 0.0                  | INITIAL Ad                |                |      |       |      | 0.70                |
| HIGH                                    | 220                  | ABS LIMIT (Ad)            |                |      |       |      | 1.35                |
| FIRST READ TIME (sec)                   | 120                  | REAGENT BLANK             |                |      |       |      |                     |
| LAST READ TIME (sec)                    | 240                  | BEFORE WASH CYCLES        |                |      |       |      | 18                  |
| NUMBER OF READS                         | 3                    | AFTER WASH CYCLES         |                |      |       |      | 18                  |
| READ INTERVAL (sec)                     | 60                   | MIX TIME (sec)            |                |      |       |      | 1:00                |
| AUX REAG DISP (sec)                     | 0                    | COOLING                   |                |      |       |      | YES                 |
| RSM                                     | 0                    | CONSTANT INTERCEPT        |                |      |       |      | 0.00                |
| PRIM                                    | SEC                  | USE IN                    | CONST          | E.F. | LOW   | HIGH |                     |
| 412                                     | / 500                | A                         | 1.00           | 4.08 | 0.00  | 0.00 |                     |