

LACTATE DEHYDROGENASE

Continuous-spectrophotometric
PYRUVATE

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: COBAS MIRA / MIRA Plus

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

| | | | |
|---|--------------|--------------------|--------------|
| GENERAL | | CALCULATION | |
| MEASUREMENT MODE | ABSORB | SAMPLE LIMIT | NO SPACE |
| REACTION MODE | R- S 1 | REACTION DIRECTION | DECREASE 2 |
| CALIBRATION MODE | CALIBRATOR 2 | CHECK | ON 1 |
| REAGENT BLANK | REAG/DIL 2 | CONVERSION FACTOR | 1 |
| CLEANER | NO 1 | OFFSET | 0 |
| WAVELENGTH | 340 nm 1 | TEST RANGE LOW | 0 |
| DECIMAL POSITION | 0 (U/L) | HIGH | 1500 U/L |
| UNIT | 21 (U/L) | NORM RANGE LOW | 207 U/L |
| | | HIGH | 414 U/L |
| ANALYSIS | | NUMBER OF STEPS | 1 |
| POST DIL. FACTOR | 5 | CALCULATION STEP A | KINSEARCH 3 |
| CONC. FACTOR | NO SPACE | READING FIRST | 6 |
| SAMPLE CYCLE | 5 | LAST | 11 |
| VOLUME | 3.3 µL | REACTION LIMIT | NO SPACE |
| DILUTION NAME | H2O 0 | CALIBRATION | |
| VOLUME | 30 µL | CALIB. INTERVAL | ON REQUEST 3 |
| REAGENT CYCLE | 1 | TIME | NO SPACE |
| VOLUME | 200 µL | BLANK RANGE LOW | - 0.020 ΔA |
| STANDARD POS. | (*) | HIGH | 0.020 ΔA |
| STD-1 | (**) | REAGENT RANGE LOW | NO SPACE |
| | | HIGH | NO SPACE |
| (*) Enter the value of the calibrator | | FACTOR | 20573 |
| (**) Enter the position of the calibrator | | | |