

UREA/BUN

Enzymatic-spectrophotometric
ULTRAVIOLET

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: Transfer the contents of one Reagent B vial into a Reagent A bottle.
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 | SLOPE AVG | 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 (mg/dL) | HIGH | | 300 mg/dL |
| UNIT | | 12 (mg/dL) | NORM RANGE LOW | | 10 mg/dL |
| | | | HIGH | | 50 mg/dL |
| ANALYSIS | | | NUMBER OF STEPS | | 1 |
| POST DIL. FACTOR | NO | SPACE | CALCULATION STEP A | ENDPOINT | 1 |
| CONC. FACTOR | NO | SPACE | READING FIRST | | 2 |
| SAMPLE CYCLE | | 1 | LAST | | 5 |
| VOLUME | | 2 µL | REACTION LIMIT | NO | SPACE |
| DILUTION NAME | H2O | 0 | | | |
| VOLUME | | 10 µL | CALIBRATION | | |
| REAGENT CYCLE | | 1 | CALIB. INTERVAL | ON REQUEST | 3 |
| VOLUME | | 270 µL | TIME | NO | SPACE |
| | | | BLANK RANGE LOW | - 0.020 ΔA | |
| | | | HIGH | 0.020 ΔA | |
| | | | REAGENT RANGE LOW | NO | SPACE |
| | | | HIGH | NO | SPACE |
| STANDARD POS. | | (*) | | | |
| STD-1 | | (**) | | | |
| (*) Enter the position of the CAL rack | | | | | |
| (**) Enter the value of the calibrator | | | | | |