

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.

Instrument: **ILAB 600 (=SHIMADZU CL-8000 / TBA-60FR)**

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

| | |
|---------------------------------------|-------------|
| TEST NAME | UREA |
| SAMPLE TYPE | Serum |
| UNITS. DECIMAL POINTS | mg/dL 0 |
| CYCLE | Standard |
| TYPE/MEASURE POINTS | Rate 2 5 |
| PHOTO.PRIM/SEC | 1 340 |
| WAVELENGTHS | |
| <i>SAMPLE VOLUME AND DILUTION</i> | |
| 1 ST SAMPLE SAMPLE/DILUENT | 3 / 0 / 0 |
| 2 ND SAMPLE SAMPLE/DILUENT | 2 / 0 / 0 |
| DILUENT CODE | Water |
| <i>REAGENT VOLUME</i> | |
| R1 CODE | * |
| REAGENT VOL/DIL. VOL/MIX | 400 0 * |
| STABILITY | 60 days |
| R2 CODE | |
| REAGENT VOL/DIL. VOL/MIX | |
| STABILITY | |
| <i>LIMITS AND EVALUATION</i> | |
| MEASURING RANGE | 0 / 300 |
| REACTION | Negative |
| ABSORBTION LIMIT | Lower 800 |
| SLOPE - OFF LIMITS | 1.0 0.0 |
| PROZONE JUDGE, LIMIT | Upper 50 |
| <i>CALIBRATION</i> | |
| METHOD | 1-Point |
| WDH/CUVE/STABILITY | 3 Linear 60 |
| CALIBRATOR/CONC | * |
| R-BLANK LIMIT | 3500 |
| ABW-CALIBRATOR | 100 |
| MIN SIGNAL | 0 |
| FACTOR | 100 |
| M-POINT CUVE FIT | 50 |
| R-BLANK | On |

* Values Assigned by the operator

