

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: HITACHI 917

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

| | | | |
|----------------------------------|----------------------------|-------------------------|----------------------|
| ANALYZE | | CALIB | |
| Assay/Time/Point | Two Point Rate / 3 / 3 - 8 | Calibration Type | Linear |
| Wavelength (Second./Main) | 0 / 340 | Points/Span Point | 2 / 2 |
| Sample Volume (Normal) | 2 / 0 / 0 | Weight | 0 |
| (Decreased) | 10 / 10 / 140 | SD Limit | 0.1 |
| (Increased) | 5 / 0 / 0 | Duplicate Limit % / Abs | 10 / 50 |
| Diluent/Expiration | 951 / 99 | Sensitivity Limit | -9999 / 9999 |
| Reagent (R1) T1 | 270 / 0 / ... / 7 | Abs. S1 Limit | -32000 / 32000 |
| (R2) T2 | 0 / 0 / ... / 0 | OTHERS | |
| (R3) T3 | 0 / 0 / ... / 0 | <i>Calib. Code</i> | <i>Concentration</i> |
| (R4) T4 | 0 / 0 / ... / 0 | (1) ... | 0 |
| Abs. Limit | 5000 - Decrease | (2) ... | * |
| Prozone Limit | -32000 - Lower | (3) | |
| Washing Solution | Detergent 1 | (4) | |
| RANGE | | (5) | |
| Application N° / Units | ... / mg/dL | (6) | |
| Name | Urea | <i>Sample volume</i> | <i>Diluted</i> |
| Control Interval | 1000 | (1) 2 | 0 |
| Instrument Factor | a = 1.0 b = 0.0 | (2) 2 | 0 |
| Technical Limit | 0 - 300 | (3) | |
| Repetition Limit | 0 - 300 | (4) | |
| References Values Male | 10 - 50 | (5) | |
| Female | 10 - 50 | (6) | |
| Default | | * assigned value | |
| ... Data entered by the operator | | | |