

UREA/BUN

Enzymatic-spectrophotometric
COLOR

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: CS-T240

Reagent preparation

Reagent 1: Transfer the contents of one Reagent A2 vial into a Reagent A1 bottle. Mix thoroughly.

Stable for 2 months at 2-8°C.

Reagent 2: Use the Reagent B.

Instrument settings

| Analyze parameters | | | | | | | | | | |
|--------------------|---|----------------|------------------------------------|---------------------------|---------------------------------|----------------------------------|------------------------------------|--------------------------------|------------------|----------------------|
| Test item | <input type="text" value="Urea"/> | Test full Name | <input type="text" value="UreaC"/> | Decimal digit | <input type="text" value="1"/> | Unit | <input type="text" value="mg/dL"/> | <input type="text"/> | Sample blank | <input type="text"/> |
| Assay | <input type="text" value="2point end"/> | Test time | <input type="text" value="10"/> | Point | <input type="text" value="15"/> | <input type="text" value="33"/> | <input type="text" value="0"/> | <input type="text" value="0"/> | Control Interval | <input type="text"/> |
| Main Wave | <input type="text" value="600"/> | Second Wave | <input type="text" value="0"/> | Instrument factor(Y=aX+b) | a= | <input type="text" value="1.0"/> | b | <input type="text" value="0"/> | Always dilution | <input type="text"/> |

| Sample Vol. | | | | Reagent | | | |
|---------------|-----------------------------------|----------------------|--------------------------------|----------------------|----------------------------------|----------------------|--------------------------------|
| | Serum | | Urine | | Vol | Dil | Pos |
| Normal | <input type="text" value="4"/> | <input type="text"/> | <input type="text" value="4"/> | <input type="text"/> | <input type="text" value="200"/> | <input type="text"/> | <input type="text" value="*"/> |
| Decrement | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text" value="200"/> | <input type="text"/> | <input type="text"/> |
| Increment | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| Abs Limit | <input type="text" value="1"/> | | <input type="text"/> | | | | Positive Reaction |
| Prozone Limit | <input type="text" value="-3.3"/> | | <input type="text"/> | | | | Lower limit |

Range parameters
Test item : Urea

| Serum | | | | | |
|----------------------|--------------------------------------|---------------------------------|----------------------|----------------------|----------------------|
| Age | | Male | | Female | |
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| | Years | | | | |
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| | Years | | | | |
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| | Years | | | | |
| Default value | | | | | |
| | <input type="text" value="15"/> | <input type="text" value="39"/> | | | |
| Linear range | | | | | |
| | <input type="text" value="1.3-300"/> | | | | |

| Urine | | | | | |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| Age | | Male | | Female | |
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| | Years | | | | |
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| | Years | | | | |
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| | Years | | | | |
| Default value | | | | | |
| | <input type="text"/> | <input type="text"/> | | | |
| Linear range | | | | | |
| | <input type="text"/> | | | | |

Calibration parameters

| | | | | | |
|-------------------------|--|--|---------------------------|------------------------|-----------------------------------|
| Test Item : Urea | | | | | |
| Calibration methods | <input type="text" value="2 point Linearity"/> | Point : <input type="text" value="2"/> | Span <input type="text"/> | Drift checkup: 3.3 | Discreteness checkup: 3.3 |
| Calibration Solution | (1) 0 | (2) * S1 | | Sensitivity checkup: 0 | Blank horizontal checkup:-3.3-3.3 |
| * data entered by user | | | | | |