

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: **CX-4/5/7**

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 UV	Calculation Factor	0
Reaction Type	RATE 1	Math Model	LINEAR
Reaction Direction	NEGATIVE	Cal. Time Limit	336 hr.
Units	U/L	N° of Calibrators	1
Decimal Precision	X	Secondary Wavelength	700 nm
Primary Wavelength	340 nm		
Sample Volume	3 µL	CALIBRATION	MULTIPOINT SPAN
Primary Inject Reagent		N° 1	*
A:	300 µL	N° 2	
B:		N° 3	
C:		N° 4	
		N° 5	
		N° 6	
REAGENT BLANK		REACTION	
Start Read	120	Start Read	30
End Read	180	End Read	60
Low ABS Limit	-1.500	Low ABS Limit	-1.500
High ABS Limit	1.500	High ABS Limit	1.500
USABLE RANGE		SUBSTRATE DEPLETION	
Lower Limit	0	Initial Rate	-99.999
Upper Limit	300	Delta ABS	1.500
		* assigned standard value	