

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: EXPRESS 550 / 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

Test Name	UREA	Test	UREA		
Test Bar Code					
Test Type	Kinetic	Curve Type	Blanked Linear		
Units	mg/dL	Nr. of Decimal Places	0		
Primary Wavelength	340	Secondary Wavelength	600		
Read Time/Interval Factor	60	Sample Blank	No		
Calibration Interval	168 hours				
Nr. of Calibrators	2	Nr. of Replicates	2		
Low Blank A Limit	-0.200	High Blank A Limit	0.500		
Low A Limit	0.000	High A Limit	2.000		
Low Normal	10	High Normal	50		
Linearity Limit	300	Curve S.D. Limit	5.0		
Sample Volume	3 µL	Test	UREA		
Rerun Dilution Ratio	1				
Sample Diluent Bottle Type	*	Predilution Ratio	1		
Reagent Diluent Bottle Type	*				
	Reagent Volume	Bar Code	Diluent Volume	Lag Time	Bottle Type
Reagent 1	400 µL	UV1A		60	*
Reagent 2					

* Enter the bottle type: plastic or glass