

UREA

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: ARCHITECT C8000

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

General				Conventional Units		
Assay Number	Urea-C ...	Type Version	Photometric 1	Results Unit	mg/dL	
Reaction Definition				Assay Defaults	Low Linearity	1.3
Reaction Mode	End Up		Read Times	High Linearity		300
Wavelength	604 / 0	Main	31 -- 33	Gender and Age specific Ranges		
Last Required Read	33	Flex	— -- —	GENDER	AGE (Y)	NORMAL
Absorbance Range	... / ...	Color Correction	— -- —	Male	0-130	15 - 39
Sample Blank Type	None	Blank Read Time	— -- —	Female	0-130	15 - 39
Reagent / Sample				Either	0-130	15 - 39
Reagent	Urea-C	Reagent Volume	R1 R2 100 100	Results Units	mg/dL	
Diluent	Saline	Water Volume	— -- —	Decimal Places	1	(Range 0-4)
Diluent Disp. Mode	Type 0	Dispense Mode	Type 0 Type 0	Correlation Factor	1.0000	
Diluent Name	Sample	Water	Dilution Factor	Intercept	0.0000	
Standard	10		1:1.00			
Validity Checks						
Reaction definition	None					
Rate Linearity %	—					
Calibration						
Method	Linear					
Calibrators and Volumes						
Calibrator Set	Standard		Calibrator Level	Concentration	Volume	
			Blank	0.0	10	
			Std. 1	(*)	10	
			Std. 2	--	--	
			Std. 3	--	--	
			Std. 4	--	--	
			Std. 5	--	--	
Replicates	3	(Range 1-3)				
Intervals						
Calibration Interval	Full Interval	999 hours	Validity Checks			
Calibration Type	Adjust Type	None	Blank Absorbance range:	0.0000 -- 0.0000		
			Span Absorbance Range:	0.0000 -- 0.0000		
			Expected cal Factor :	0.00		
			Expected Cal factor tolerance:	% 0		
(*) Enter the standard value						
... Values to be entered by the user						