

# URIC ACID

Enzymatic-spectrophotometric  
URICASE/PEROXIDASE

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 is ready to be used.

### Instrument settings

General				Conventional Units		
Assay Number	URIC	Type	Photometric	Results Unit	mg/dL	
	...	Version	1	Assay Defaults	Low Linearity	1.3
					High Linearity	300
<b>Reaction Definition</b>				<u>Gender and Age specific Ranges</u>		
Reaction Mode	End Up		Read Times	GENDER	AGE (Y)	NORMAL
Wavelength	524 / 700	Main	16 -- 18	Male	0-130	3.5 - 7.2
Last Required Read	18	Flex	— -- —	Female	0-130	2.6 - 6.0
Absorbance Range	... / ...	Color Correction	— -- —	Either	0-130	2.6 - 7.2
Sample Blank Type	None	Blank Read Time	— -- —			
<b>Reagent / Sample</b>				Results Units	mg/dL	
Reagent	URIC	Reagent Volume	R1 R2	Decimal Places	1	(Range 0-4)
Diluent	Saline	Water Volume	200	Correlation Factor	1.0000	
Diluent Disp. Mode	Type 0	Dispense Mode	Type 0 Type 0	Intercept	0.0000	
Diluent Name	Sample	Water	Dilution Factor			
Standard	5		1:1.00			
<b>Validity Checks</b>						
Reaction definition	None					
Rate Linearity %	—					
Calibration						
Method	Linear					
<b>Calibrators and Volumes</b>						
Calibrator Set	Standard		Calibrator Level	Concentration	Volume	
			Blank	0.0	5	
			Std. 1	(*)	5	
			Std. 2	--	--	
			Std. 3	--	--	
			Std. 4	--	--	
			Std. 5	--	--	
Replicates	3	(Range 1-3)				
<b>Intervals</b>				<b>Validity Checks</b>		
Calibration Interval	Full Interval	999 hours	Blank Absorbance range:	0.0000 -- 0.0000		
Calibration Type	Adjust Type	None	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						