

# TOTAL BILIRUBIN

Spectrophotometric  
DIAZOTIZED SULFANILIC

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

Working Reagent: Transfer the contents of one Reagent B-T vial into a Reagent A-T bottle. Mix thoroughly.  
Stable for 20 days at 2-8 °C.

### Instrument settings

General				Conventional Units		
Assay Number	BIL-T ...	Type Version	Photometric 1	Results Unit	mg/dL	
Reaction Definition				Assay Defaults	Low Linearity	0.03
Reaction Mode	End Up		Read Times	High Linearity	15	
Wavelength	548 / 700	Main	16 -- 18	<u>Gender and Age specific Ranges</u>		
Last Required Read	18	Flex	— -- —	GENDER	AGE (Y)	NORMAL
Absorbance Range	... / ...	Color Correction	— -- —	Male	0-130	0 – 1
Sample Blank Type	None	Blank Read Time	— -- —	Female	0-130	0 – 1
Reagent / Sample				Either	0-130	0 – 1
Reagent	BIL-T	Reagent Volume	R1 R2 200	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	20		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	20	
			Std. 1	(*)	20	
			Std. 2	--	--	
			Std. 3	--	--	
			Std. 4	--	--	
			Std. 5	--	--	
Replicates	3	(Range 1-3)				
Intervals				Validity Checks		
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						