

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: MONARCH

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

Identification parameters		Data acquisition parameters	
Test code	...	Analysis type	MIX
Test name	TOTAL BILIRUBIN		RUN
Test mnemonic	BIL-T	Temperature	37°C
Optical mode	ABSORBANCE	Delay time	185 sec
Response algorithm	FINAL-INITIAL	Interval time	10 sec
Result algorithm	LINEAR	N° of data pts.	2
Loading parameters		Filter 1	620 nm
Loading type	LOAD	Filter 2	550 nm
	ANALYZE	Monochromator 1	620 nm
Reagent blank	ON	Monochromator 2	550 nm
Reference type	DILUENT	Compatibility	10
Calibrator type	MULTI-COMPONENT (...)	Data integrity parameters	
Sample volume	8 µL	Integrity tests	SLOPE
Sample diluent	5 µL		NORMAL RANGE
Reagent diluent	25 µL	Integrity parameters	
1 st reagent (R1)	140 µL	Slope	POSITIVE
2 nd reagent (R2)	0 µL	Lower limit	0.1 mg/dL
1 st reagent bar code	...	Upper limit	1.1 mg/dL
2 nd reagent bar code To be introduced by the operator	
Data fit parameters			
Calibrator	...		
Correction mode	NONE		
Units	mg/dL		
N° of dec. Places	2		