

CHOLESTEROL

Enzymatic-spectrophotometric
CHOLESTEROL OXIDASE/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: **MONARCH**

Reagent preparation

Reagent is ready to be used.

Instrument settings

Identification parameters		Data acquisition parameters	
Test code	...	Analysis type	MIX
Test name	CHOLESTEROL		RUN
Test mnemonic	CHOL	Temperature	37°C
Optical mode	ABSORBANCE	Delay time	15 sec
Response algorithm	FINAL-INITIAL	Interval time	555 sec
Result algorithm	LINEAR	N° of data pts.	2
Loading parameters		Filter 1	690 nm
Loading type	LOAD	Filter 2	500 nm
	ANALYZE	Monochromator 1	690 nm
Reagent blank	ON	Monochromator 2	500 nm
Reference type	DILUENT	Compatibility	1
Calibrator type	MULTI-COMPONENT (...)	Data integrity parameters	
Sample volume	3 µL	Integrity tests	SLOPE
Sample diluent	20 µL		NORMAL RANGE
Reagent diluent	10 µL		MINIMUM ABS/INT
1 st reagent (R1)	200 µL		MAXIMUM ABS/INT
2 nd reagent (R2)	0 µL	Integrity parameters	
1 st reagent bar code	...	Slope	POSITIVE
2 nd reagent bar code	...	Lower limit	123 mg/dL
Data fit parameters		Upper limit	200 mg/dL
Calibrator	...	Minimum abs/int	0.0
Correction mode	NONE	Maximum abs/int	0.1
Units	Mg/dL	... To be introduced by the operator	
N° of dec. Places	0		