

GAMMA-GLUTAMYLTRANSFERASE

Continuous-spectrophotometric
IFCC

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: Pour the contents of the Reagent B into the Reagent A bottle. Mix gently.
Stable for 2 months at 2-8 °C.

Instrument settings

Identification parameters		Data acquisition parameters	
Test code	...	Analysis type	MIX
Test name	GGT		RUN
Test mnemonic	GGT	Temperature	37°C
Optical mode	ABSORBANCE	Early time	10 sec
Response algorithm	SLOPE	Delay time	50 sec
Result algorithm	FACTOR	Interval time	30 sec
Loading parameters		N° of data pts.	5
Loading type	LOAD	Filter 1	405 nm
	ANALYZE	Filter 2	405 nm
Reagent blank	OFF	Monochromator 1	405 nm
Reference type	DILUENT	Monochromator 2	405 nm
Sample volume	10 µL	Compatibility	10
Sample diluent	30 µL	Data integrity parameters	
Reagent diluent	10 µL	Integrity tests	SLOPE
1 st reagent (R1)	150 µL		SUBSTRATE DEPLETION
2 nd reagent (R2)	0 µL		STANDARD ERROR
1 st reagent bar code	...		NORMAL RANGE
2 nd reagent bar code	...	Integrity parameters	
Data fit parameters		Slope	POSITIVE
Factor	2790	Max Delta Abs/Int	6.0
Units	U/L	Maximum SE	0.008
N° of dec. Places	0	Lower limit	15 U/L
		Upper limit	86 U/L
		... To be introduced by the operator	