

# CREATINE KINASE-MB

Immuno-inhibition

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 15 days at 2-8°C. Working Reagent must be protected from light.

### Instrument settings

<b>Identification parameters</b>		<b>Data acquisition parameters</b>	
Test code	...	Analysis type	MIX RUN
Test name	CREATINE KINASE-MB	Temperature	37°C
Test mnemonic	CK-MB	Early time	5 sec
Optical mode	ABSORBANCE	Delay time	175 sec
Response algorithm	SLOPE	Interval time	15 sec
Result algorithm	FACTOR	N° of data pts.	8
<b>Loading parameters</b>		Filter 1	340 nm
Loading type	LOAD ANALYZE	Filter 2	340 nm
Reagent blank	OFF	Monochromator 1	340 nm
Reference type	DILUENT	Monochromator 2	340 nm
Sample volume	20 µL	Compatibility	10
Sample diluent	30 µL	<b>Data integrity parameters</b>	
Reagent diluent	10 µL	Integrity tests	SLOPE
1 <sup>st</sup> reagent (R1)	150 µL		SUBSTRATE DEPLETION
2 <sup>nd</sup> reagent (R2)	0 µL		STANDARD ERROR
1 <sup>st</sup> reagent bar code	...		NORMAL RANGE
2 <sup>nd</sup> reagent bar code	...	<b>Integrity parameters</b>	
<b>Data fit parameters</b>		Slope	POSITIVE
Factor	2927	Max Delta Abs/Int	0.83
Units	U/L	Maximum SE	0.01
N° of dec. Places	0	Lower limit	0 U/L
		Upper limit	25 U/L
		... To be introduced by the operator	