respons®910

Cholinesterase FS

Application for serum and plasma samples

This application was set up and evaluated by DiaSys. It is based on the standard equipment at that time and does not apply to any equipment modifications undertaken by unqualified personnel.

Identification

This method is usable for analysis:	Yes
Twin reaction:	No
Name:	CHE
Shortcut:	
Reagent barcode reference:	028
Host reference:	

Technic

Type:	Linear kinetic
First reagent:[µL]	160
Blank reagent	Yes
Sensitive to light	
Second reagent:[µL]	40
Blank reagent	Yes
Sensitive to light	
Main wavelength:[nm]	405
Secondary wavelength:[nm]	
Polychromatic factor:	
1 st reading time [min:sec]	06:48
Last reading time [min:sec]	10:00
Reaction way:	Decreasing
Linear Kinetics Substrate depletion: Absorbance li	0.1000
Linearity: Maximum deviation [%]	100
Fixed Time Kinetics Substrate depletion: Absorbance limit	
Endpoint Stability: Largest remaining slope	
Prozone Limit [%]	

Reagents

Decimals	
Units	

Sample

Diluent	DIL A (NaCl)
Hemolysis:	
Agent [µL]	0 (no hemolysis)
Cleaner	
Sample [µL]	0
Technical limits	
Concentration technical limits-Lower	0.1
Concentration technical limits-Upper	20
SERUM	
Normal volume [µL]	3
Normal dilution (factor)	1
Below normal volume [µL]	5
Below normal dilution (factor)	1
Above normal volume [µL]	3
Above normal dilution (factor)	6
URIN	
Normal volume [µL]	3
Normal dilution (factor)	1
Below normal volume [µL]	5
Below normal dilution (factor)	1
Above normal volume [µL]	3
Above normal dilution (factor)	6
PLASMA	
Normal volume [µL]	3
Normal dilution (factor)	1
Below normal volume [µL]	5
Below normal dilution (factor)	1
Above normal volume [µL]	3
Above normal dilution (factor)	6
CSF	
Normal volume [µL]	3
Normal dilution (factor)	1
Below normal volume[µL]	5
Below normal dilution (factor)	1
Above normal volume [µL]	3
Above normal dilution (factor)	6
Whole blood	
Normal volume [µL]	3
Normal dilution (factor)	1
Below normal volume[µL]	5
Below normal dilution (factor)	1
Above normal volume [µL]	3
Above normal dilution (factor)	6

Results

Decimals	2
Units	kU/L
Correlation factor-Offset	0.000
Correlation factor-Slope	1.000

Range

Gender	Male
Age	
SERUM	>=4.62<=11.5
URINE	
PLASMA	>=4.62<=11.5
CSF	
Whole blood	
Gender	Female
Age	
SERUM	>=3.93<=10.8
URINE	
PLASMA	>=3.93<=10.8
CSF	
Whole blood	

Contaminants

Please refer to r910 Carryover Pair Table

Calibrators details

Calibrator list	Concentration
Cal. 1/Blank	0
Cal. 2	*
Cal. 3	
Cal. 4	
Cal. 5	
Cal. 6	
	Max delta abs.
Cal. 1	0.003
Cal. 2	0.010
Cal. 3	
Cal. 4	
Cal. 5	
Cal. 6	
Drift limit [%]	0.8

Calculations

Model	X
Degree	1

* Enter calibrator value