respons®910

ProLiNE

ALAT (GPT) FS (IFCC mod.)

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:	ALT
Shortcut:	
Reagent barcode reference:	010
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]	340
Secondary wavelength:[nm]	405
Polychromatic factor:	1.000
1 st reading time [min:sec]	5:48
Last reading time [min:sec]	9:36
Reaction way:	Decreasing
Linear Kinetics Substrate depletion: Absorbance li	0.3000
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	3
Concentration technical limits-Upper	600
SERUM	
Normal volume [µL]	12
Normal dilution (factor)	1
Below normal volume [µL]	20
Below normal dilution (factor)	1
Above normal volume [µL]	2
Above normal dilution (factor)	1
URIN	
Normal volume [µL]	12
Normal dilution (factor)	1
Below normal volume [µL]	20
Below normal dilution (factor)	1
Above normal volume [µL]	2
Above normal dilution (factor)	1
PLASMA	
Normal volume [µL]	12
Normal dilution (factor)	1
Below normal volume [µL]	20
Below normal dilution (factor)	1
Above normal volume [µL]	2
Above normal dilution (factor)	1
CSF	
Normal volume [µL]	12
Normal dilution (factor)	1
Below normal volume[µL]	20
Below normal dilution (factor)	1
Above normal volume [µL]	2
Above normal dilution (factor)	1
Whole blood	
Normal volume [µL]	12
Normal dilution (factor)	1
Below normal volume[µL]	20
Below normal dilution (factor)	1
Above normal volume [µL]	2
Above normal dilution (factor)	1

Results	
Decimals	1
Units	U/L
Correlation factor-Offset	0.000
Correlation factor-Slope	1.000

Range	
Gender	Male
Age	
SERUM	>= <=41.0
URINE	
PLASMA	>= <=41.0
CSF	
Whole blood	
Gender	Female
Age	
SERUM	>= <=31.0
URINE	
PLASMA	>= <=31.0
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	0.002
Cal. 2	0.005
Cal. 3	
Cal. 4	
Cal. 5	
Cal. 6	
Drift limit [%]	0.8

Calculations	
Model	X
Degree	1

* Enter calibrator value

respons®910

ProLiNE

ALAT (GPT) FS (IFCC mod.) with P-5-P activation

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:	ALT
Shortcut:	
Reagent barcode reference:	63
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]	340
Secondary wavelength:[nm]	405
Polychromatic factor:	1.000
1 st reading time [min:sec]	5:48
Last reading time [min:sec]	9:36
Reaction way:	Decreasing
Linear Kinetics Substrate depletion: Absorbance li	0.3900
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	3
Concentration technical limits-Upper	600
SERUM	
Normal volume [µL]	12
Normal dilution (factor)	1
Below normal volume [µL]	20
Below normal dilution (factor)	1
Above normal volume [µL]	2
Above normal dilution (factor)	1
URIN	
Normal volume [µL]	12
Normal dilution (factor)	1
Below normal volume [µL]	20
Below normal dilution (factor)	1
Above normal volume [µL]	2
Above normal dilution (factor)	1
PLASMA	
Normal volume [µL]	12
Normal dilution (factor)	1
Below normal volume [µL]	20
Below normal dilution (factor)	1
Above normal volume [µL]	2
Above normal dilution (factor)	1
CSF	
Normal volume [µL]	12
Normal dilution (factor)	1
Below normal volume[µL]	20
Below normal dilution (factor)	1
Above normal volume [µL]	2
Above normal dilution (factor)	1
Whole blood	
Normal volume [µL]	12
Normal dilution (factor)	1
Below normal volume[µL]	20
Below normal dilution (factor)	1
Above normal volume [µL]	2
Above normal dilution (factor)	1

Results	
Decimals	1
Units	U/L
Correlation factor-Offset	0.000
Correlation factor-Slope	1.000

Range	
Gender	Male
Age	
SERUM	>= <=45.0
URINE	
PLASMA	>= <=45.0
CSF	
Whole blood	
Gender	Female
Age	
SERUM	>= <=34.0
URINE	
PLASMA	>= <=34.0
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	0.002
Cal. 2	0.005
Cal. 3	
Cal. 4	
Cal. 5	
Cal. 6	
Drift limit [%]	0.8

Calculations	
Model	X
Degree	1

* Enter calibrator value