

ALANINE AMINOTRANSFERASE (ALT/GPT)

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: **ADVIA 1650**

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

ANALYTICAL PARAMETERS		Reanalysis conditions		Multi-Standards setting			
<u>Analytical Conditions</u>		Serum reac. smp. vol. (μ)	3.00	Formula	Linear correction	Axis conv.	No convert.
R1 volume	100.00	Serum dilut. method (μ)	None	Points		2	
R2 volume	0.00	Serum reac. smp. vol. (d)	3.00		FV	MEAN	
R3 volume	0.00	Serum dilut. method (d)	None	BLK	0.0	...	
R4 volume	0.00	<u>Standards setting</u>		1	*	...	
R1 diluent vol.	0.00	BLK H	9.9999	* assigned value			
R2 diluent vol.	0.00	BLK L	-9.9999				
R3 diluent vol.	0.00	STD H	9.9999				
R4 diluent vol.	0.00	STD L	-9.9999				
Serum reac. s. vol.	10.0	FV	*				
Serum dil. method	Standard	Abnml. (serum) H	99999				
Reaction time	5 min.	Abnml. (serum) L	-9999				
Reagent 1 stir.	Weak	<u>Calculation method setting</u>					
Reagent 2 stir.	Weak	M-DET. P. l	0	Prozone		Reaction rate method	
Reagent 3 stir.	Weak	M-DET. P. m	10	Prozone form.	None	Cycle	3
Reagent 4 stir.	Weak	M-DET. P. n	40	Prozone limit	9.999	Factor	3.0
		S-DET. P. p	0	Prozone judge	Upper limit	Reac. Type	Dec.
		S-DET. P. r	0	Judge limit	9.999	E2 corre.	Not do
		Check D.P.I.	0	M-DET. P. m.	0	Blank (μ)	9.9999
		Limit value	0.003	M-DET. P. n.	0	Blank (d)	-9.999
		Variance	10.0	S-DET. P. p.	0	Sample (μ)	9.9999
				S-DET. P. r.	0	Sample (d)	-9.999
						Endpoint method	
						Re. Absorb (μ)	9.9999
						Re. Absorb (d)	-9.999
<u>Sub-analy. conditions</u>							
Name	ALT GPT						
Digits	1						
M-wave. L.	340 nm						
S-wave. L.							
Analy. mthd.	RRA						
Calc. mthd	STD						
Qualit. judg.	Not do						