

# 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: CS-T240

### Reagent preparation

Reagent 1: Use the Reagent A.

Reagent 2: Use the Reagent B

### Instrument settings

Analyze parameters									
Test item	<input type="text" value="ALT"/>	Test full Name	<input type="text" value="ALT"/>	Decimal digit	<input type="text" value="0"/>	Unit	<input type="text" value="U/L"/>	<input type="checkbox"/>	Sample blank
Assay	<input type="text" value="Rate A"/>	Test time	<input type="text" value="10"/>	Point	<input type="text" value="20"/>	<input type="text" value="30"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	Control Interval <input type="checkbox"/>
Main Wave	<input type="text" value="340"/>	Second Wave	<input type="text" value="700"/>	Instrument factor(Y=aX+b)	a=	<input type="text" value="1.0"/>	b	<input type="text" value="0"/>	<input type="checkbox"/> Always dilution

  

Sample Vol.				Reagent			
	Serum		Urine		Vol	Dil	Pos
Normal	<input type="text" value="12.5"/>	<input type="text"/>	<input type="text" value="12.5"/>	<input type="text"/>	<input type="text" value="200"/>	<input type="text"/>	<input type="text" value="*"/>
Decrement	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="50"/>	<input type="text"/>	<input type="text"/>
Increment	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Abs Limit	<input type="text" value="1"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Negative Reaction		
Prozone Limit	<input type="text" value="-3.3"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Lower limit		

**Range parameters**  
**Test item : ALT**

Serum		Age	Male	Female
		Years		
		Years		
		Years		
Default value				
		0	65	
Linear range				
		1.6-500		

Urine		Age	Male	Female
		Years		
		Years		
		Years		
Default value				
Linear range				

**Calibration parametes**

Test Item : ALT		Drift checkup: 3.3	
Calibration methods	2 point Linearity	Point : 2	Span []
			Discreteness checkup: 3.3
			Sensitivity checkup: 0
Calibration Solution			Blank horizontal checkup:-3.3-3.3
(1) 0			
(2) * S1			

\* data entered by user  
 Version 1107