

ASPARTATE AMINOTRANSFERASE (AST/GOT)

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="AST"/>	Test full Name	<input type="text" value="AST"/>	Decimal digit	<input type="text" value="0"/>	Unit	<input type="text" value="U/L"/>	<input type="text"/>	Sample blank	<input type="text"/>
Assay	<input type="text" value="Rate A"/>	Test time	<input type="text" value="10"/>	Point	<input type="text" value="25"/>	<input type="text" value="35"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	Control Interval	<input type="text"/>
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"/>	Always dilution	<input type="text"/>

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"/>	<input type="text"/>	<input type="text"/>
Increment	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="50"/>	<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 : AST

Serum		
Age		Male
<input type="text"/>	<input type="text"/> Years	<input type="text"/>
<input type="text"/>	<input type="text"/> Years	<input type="text"/>
<input type="text"/>	<input type="text"/> Years	<input type="text"/>
Default value		
	<input type="text" value="0"/>	<input type="text" value="50"/>
Linear range		
	<input type="text" value="1.1-500"/>	

Urine			
Age		Male	Female
<input type="text"/>	<input type="text"/> Years	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/> Years	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/> Years	<input type="text"/>	<input type="text"/>
Default value			
	<input type="text"/>	<input type="text"/>	
Linear range			
	<input type="text"/>		

Calibration parametes

Test Item : AST				Drift checkup: 3.3
Calibration methods	<input type="text" value="2 point Linearity"/>	Point : <input type="text" value="2"/>	Span <input type="text"/>	Discreteness checkup: 3.3
Calibration Solution				Sensitivity checkup: 0
(1) 0				Blank horizontal checkup:-3.3-3.3
(2) * S1				
				* data entered by user