

# 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.

## Instruments: **CX-4/5/7**

### Reagent preparation

Working Reagent: Pour the contents of a Reagent B bottle into a Reagent A bottle. Mix gently.  
Stable for 2 months at 2-8°C.

### Instrument settings

Test Name	AST	Calculation Factor	3333
Reaction Type	RATE 1	Math Model	LINEAR
Reaction Direction	NEGATIVE	Cal. Time Limit	336 hr.
Units	U/L	N° of Calibrators	0
Decimal Precision	X	Secondary Wavelength	700
Primary Wavelength	340 nm		
Sample Volume	25 µL	<b>CALIBRATION</b>	<b>MULTIPOINT SPAN</b>
Primary Inject Reagent		N° 1	(*)
A:	250 µL	N° 2	
B:		N° 3	
C:		N° 4	
		N° 5	
		N° 6	
<b>REAGENT BLANK</b>		<b>REACTION</b>	
Start Read	250	Start Read	120
End Read	300	End Read	180
Low ABS Limit	-1.500	Low ABS Limit	-1.500
High ABS Limit	1.500	High ABS Limit	1.500
<b>USABLE RANGE</b>		<b>SUBSTRATE DEPLETION</b>	
Lower Limit	0	Initial Rate	-99.999
Upper Limit	500	Delta ABS	1.500
		* assigned standard value	