

# 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: **EXPRESS 550 / Plus**

### 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	Test	AST		
Test Bar Code					
Test Type	Kinetic	Curve Type	Blanked Linear		
Units	U/L	Nr. of Decimal Places	0		
Primary Wavelength	340	Secondary Wavelength	380		
Read Time/Interval Factor	60	Sample Blank	No		
Calibration Interval	168 hours				
Nr. of Calibrators	2	Nr. of Replicates	2		
Low Blank A Limit	0.000	High Blank A Limit	2.000		
Low A Limit	-0.100	High A Limit	2.500		
Low Normal	0	High Normal	42		
Linearity Limit	500	Curve S.D. Limit	8.0		
Sample Volume	15 µL	Test	AST		
Rerun Dilution Ratio	1				
Sample Diluent Bottle Type	*	Predilution Ratio	1		
Reagent Diluent Bottle Type	*				
	Reagent Volume	Bar Code	Diluent Volume	Lag Time	Bottle Type
Reagent 1	300 µL	AS1A		60	*
Reagent 2					

\* Enter the bottle type: plastic or glass