

# 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: SPECTRUM CCX

### 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 DEFINITION	
ENTRY NAME	AST	SAMPLE (μL) NORMAL	12.5
REPORT NAME		LOW	
	<b>ASPARTATE AMINOTRANSFERASE</b>		
RATIO REF.	AST	HIGH	6.0
TEST NUMBER	***	UNITS PRIM	U/L
TEST TYPE	CALIBRATED	SEC. UNIT FACTOR	
MATH	LIN REG RATE KIN BL	PRINT DIGITS	1
REACTION DIRECTION	DOWN		
REAGENTS	1	INST MUL 1.000 INT 0.000	
TEMPERATURE	37	NORMAL (C)	0 TO 42
TEST BLANK TYPE	SERUM BLANK	SAMPLE DISP. DELAY (sec.)	0
	<b>LINEAR MODEL CALIBRATION DEFINITION</b>		
TEST NAME	AST	TEST TYPE	<b>CALIBRATED</b>
COMB. TEST		MATH MODEL	LIN REG RATE KIN BL
TOLERANCE RANGE (ABS/MIN)	-10000.00 TO 1000.00	CAL INTERVAL (hr.)	720
CALIBRATOR	LEVEL (C)	REPLICATES	
WATER	0.000	1	
	<b>TEST PARAMETER FILE: REAGENT DEFINITION</b>		
REAGENT NAME	REAGENT NUMBER	1 FOR TEST AST	
	<b>AST</b>	LINEARITY [C]	1.000 TO 500.0
REAGENT VOL (μL) NORM	250	INITIAL Ad	0.800
LOW	0.00	ABS LIMIT (Ad)	0.360
HIGH	250	REAGENT BLANK	
FIRST READ TIME (sec)	180	BEFORE WASH CYCLES	18
LAST READ TIME (sec)	240	AFTER WASH CYCLES	18
NUMBER OF READS	3	MIX TIME (sec)	1:00
READ INTERVAL (sec)	60	COOLING	***
AUX REAG DISP (sec)	0	CONSTANT INTERCEPT	0.000
RSM	0	SPECTRAL CORRECTION	0.000
PRIM SEC USE IN CONST E.F. LOW HIGH			
340 / 380 A 1.00 4.88 0.00 0.00			