

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: SPECTRUM CCX

Reagent preparation

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

Instrument settings

TEST DEFINITION							
ENTRY NAME	ALT			SAMPLE (μL) NORMAL	12.5		
REPORT NAME	ALANINE AMINOTRANSFERASE			LOW			
RATIO REF.	ALT			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			INST MUL	1.000	INT	0.000
REAGENTS	1			NORMAL (C)	0 TO 41		
TEMPERATURE	37			SAMPLE DISP. DELAY (sec.)	0		
TEST BLANK TYPE	SERUM BLANK						
LINEAR MODEL CALIBRATION DEFINITION							
TEST NAME	ALT			TEST TYPE	<i>CALIBRATED</i>		
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			
TEST PARAMETER FILE: REAGENT DEFINITION							
REAGENT NAME	REAGENT NUMBER			1 FOR TEST ALT			
	ALT			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	