

LACTATE DEHYDROGENASE

Continuous-spectrophotometric
PYRUVATE

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	LDH			SAMPLE (µL) NORMAL	5.0		
REPORT NAME	LACTATE DEHYDROGENASE			LOW			
RATIO REF.	LDH			HIGH	2.5		
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)	207 TO 414		
TEMPERATURE	37			SAMPLE DISP. DELAY (sec.)	0		
TEST BLANK TYPE	SERUM BLANK						
LINEAR MODEL CALIBRATION DEFINITION							
TEST NAME	LDH			TEST TYPE	CALIBRATED		
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	LDH			REAGENT NUMBER	1 FOR TEST LDH		
REAGENT VOL (µL) NORM	300			LINEARITY [C]	1.000 TO 1500		
LOW	0.00			INITIAL Ad	0.800		
HIGH	300			ABS LIMIT (Ad)	0.360		
FIRST READ TIME (sec)	30			REAGENT BLANK			
LAST READ TIME (sec)	150			BEFORE WASH CYCLES	18		
NUMBER OF READS	3			AFTER WASH CYCLES	18		
READ INTERVAL (sec)	60			MIX TIME (sec)	1:00		
AUX REAG DISP (sec)	0			COOLING	***		
RSM	0			CONSTANT INTERCEPT	0.000		
PRIM SEC USE IN CONST E.F. LOW HIGH				SPECTRAL CORRECTION	0.000		
340 / 380 A 1.00 4.88 0.00 0.00							