

GLUCOSE

Enzymatic-spectrophotometric
GLUCOSE OXIDASE/PEROXIDASE

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

Reagent is ready to be used.

Instrument settings

TEST DEFINITION									
ENTRY NAME	GLU		SAMPLE (µL) NORMAL		2.5				
REPORT NAME	GLUCOSE		LOW						
RATIO REF.	GLU		HIGH		1.25				
TEST NUMBER	***		UNITS PRIM		mg/dL				
TEST TYPE	CALIBRATED		SEC. UNIT FACTOR						
MATH	1 PT CAL FACTOR END PT		PRINT DIGITS		0				
REACTION DIRECTION	UP		INST MUL 1.000 INT 0.000						
REAGENTS	1		NORMAL (C)		76 TO 110				
TEMPERATURE	37		SAMPLE DISP. DELAY (sec.)		0				
TEST BLANK TYPE	REAGENT BLANK								
LINEAR MODEL CALIBRATION DEFINITION									
TEST NAME	GLU		TEST TYPE		CALIBRATED				
COMB. TEST			MATH MODEL		LIN REG END PT				
CAL MODE	CAL ON CMD		CAL INTERVAL (hr.)		720				
INTCPT TOL (C)	-1000.00 TO 1000.00		REF CAL FACTOR		300				
% TOL OF CAL FACTOR	10		% TOL OF CAL		10				
CAL LEVEL	0								
CALIBRATOR	LEVEL (C)		REPLICATES						
WATER	0.000		1						
MCC1	***		1						
MCC2	***		1						
MCC3	***		1						
TEST PARAMETER FILE: REAGENT DEFINITION									
REAGENT NAME	GLU		REAGENT NUMBER		1 FOR TEST GLUCOSE				
REAGENT VOL (µL) NORM	250		LINEARITY [C]		1.000 TO 500				
LOW	0.000		INITIAL Ad		0.40				
HIGH	0.000		ABS LIMIT (Ad)		2.40				
FIRST READ TIME (sec)	300		REAGENT BLANK						
LAST READ TIME (sec)	300		BEFORE WASH CYCLES		18				
NUMBER OF READS	1		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	500 / 604 A 1.00 0.00 0.00 0.00		SPECTRAL CORRECTION						