UREA/BUN

Enzymatic-spectrophotometric
ULTRAVIOLET

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: Transfer the contents of one Reagent B vial into a Reagent A bottle.
Stable for 2 months at 2-8 ºC.

Instrument settings

TEST DEFINITION			
ENTRY NAME	UREA	SAMPLE (µL) NORMAL	2.5
REPORT NAME	UREA UV	LOW	5.0
RATIO REF.	UREA	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	DOWN		
REAGENTS	1	INST MUL 1.000 INT 0.000	
TEMPERATURE	37	NORMAL (C)	10 TO 50
TEST BLANK TYPE	SERUM BLANK	SAMPLE DISP. DELAY (sec.)	0

LINEAR MODEL CALIBRATION DEFINITION			
TEST NAME	UREA	TEST TYPÈ	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	*
% TOL OF CAL FACTOR	25	% TOL OF CAL	15
CAL LEVEL	0		
CALIBRATOR	LEVEL (C)	REPLICATES	
WATER	0.000	1	
MCC1	***	1	
MCC2	***	1	
MCC3	***	1	

TEST PARAMETER FILE: REAGENT DEFINITION			
	REAGENT NUMBER	1 FOR TEST UREA	
REAGENT NAME	UREA	LINEARITY [C]	0.30 TO 300
REAGENT VOL (µL) NORM	236	INITIAL Ad	2.00
LOW	0.00	ABS LIMIT (Ad)	0.80
HIGH	0.00	REAGENT BLANK	
FIRST READ TIME (sec)	180	BEFORE WASH CYCLES	18
LAST READ TIME (sec)	180	AFTER WASH CYCLES	18
NUMBER OF READS	1	MIX TIME (sec)	1:00
READ INTERVAL (sec)	60	COOLING	NO
AUX REAG DISP (sec)	0	CONSTANT INTERCEPT	0.00
RSM	0	SPECTRAL CORRECTION	0.00

PRIM	SEC	USE IN	CONST	E.F.	LOW	HIGH
340	/ 380	A	1.00	0.00	0.00	0.00

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