

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: SATURNO 300 (=HUMASTAR 300, ANAQUIM 300)

Reagent preparation

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

Instrument settings

GENERAL			FILTERS	
Test Name		Urea UV	First	340
Meas. Unit		mg/dL	Second	-
Decimal		2	Bichromatic Factor	1
REFERENCE			REACTION	
	Min	Max	Type	Fixed Time
Boy	15	39	Read Time	78
Girl	15	39	CHECK ABSORBANCE (mAbs)	
Age Limit	...		R. Blank (min)	-100
Male	15	39	R. Blank (max)	1100
Female	15	39	Substr. Dept Lim	0
Age Limit	...		CALCULATION	
Male	15	39	Factor	Multistandard
Female	15	39		-
LINEARITY LIMIT				*
		300 mg/dL	Std. 1	-
QUALITY CONTROL			Std. 2	-
Repeat control every (hrs.)		...	Std. 3	-
SAMPLE			Std. 4	-
Volum (µL)		3	Std. 5	-
Predil.ratio			Reag. Bias Subst	No
REAGENTS			LINEAR CORRELATION	
Features	First	Second	Intercept	0
Volumes (µL)	450	0	Slope	1
Incub. (sec.)	36	0		
Cooling	Yes	0		
Stabil. (hrs)	99	99		
Lot Number		
Bottles type	1	-		
ID First		
ID Second		
(...) Values entered by the operator (*) Enter the value of the calibrator				