

KONELAB
UREA UV AUTO (BUN) -fast rate
Urease / GLDH

 Liquid
 2 Reagents

REF	Cont.				
D95704	5 x 100 ml	4 x 100 ml 1 x 100 ml	Reagent 1 Reagent 2	2500 tests 200 µl/test	
D98707	5 x 50 ml	4 x 50 ml 1 x 50 ml	Reagent 1 Reagent 2	1250 tests 200 µl/test	
DK0742*	5 x 50 ml	4 x 50 ml 1 x 50 ml	Reagent 1 Reagent 2	1250 tests 200 µl/test	* Reagent filled into Kone system bottles

additionally offered:

D95706	1 x 3 ml	Urea Standard	
D98485	5 x 3 ml	Calibrator	Diacal Auto
D98481	12 x 5 ml	Control normal	Diacon N
D98482	12 x 5 ml	Control abnormal	Diacon P

1. Reagent and Sample Preparation:

The reagents are ready to use.
 Urine: for urine preparation please refer to packing insert.

2. Instrument settings:

Temperature: 37°C

Test Definition:			
Test type	Photometric		
Full name	UREA		
On line name	Urea		
Result unit	mg/dl		
Number of decimals	0		
Acceptance	Automatic		
Dilution 1 +	0		
Sample type	Serum/plasma		
Test in use	YES		
Test Limit	Low	High	Units
Initial Absorbance	0.0	2.5	A
Dilution limit	*	150	mg/dl
Secondary dil. 1 +	0	5	
Correction factor	1.00		
Correction bias	0.00		
Calibration parameters			
Calibration type	Linear		
Repeat time (d)	0		
Point/Calibrator	Duplicate		
Acceptance	Automatic		
Type of calibrator	Separate		
Calibrator id.	WATER/CAL		
Concentration	#		
Bias corr.in use	NO		
Abs. Error (mA)	*		

Rel. Error (%)	*	Min	Max
Response limit	*		*
Test flow			
Blank	None	Antigen excess	NO
Reagent 1	UREA1		
Reagent volume (µl)	160		
Disp. With	Extra	Add. Vol. (µl)	20
Wash reagent	None		
Sample Volume (µl)	2		
Disp. With	Extra	Add. Vol. (µl)	10
Dilution with	Water		
Wash reagent	None		
Incubation Time (sec)	60		
Reagent 2	UREA2		
Reagent volume (µl)	40		
Disp. With	Extra	Add. Vol. (µl)	8
Wash reagent	None		
Incubation Time (sec)	40		
Measurement	Kinetic		
	λ 1 (nm)	340	λ 2 (nm) None
Curve type	NONLINEAR		
Nonlinearity Limits			
	Conc (mg/dl)	3	
	%	20	
	Time (sec)	60	
	Point & Inter		
Konelab 30/60		4/18	
Konelab 20		9/7	

#) Data entry by the user

**) Factor must be checked by a calibration serum

NOTE: These suggested instructions and instrument parameters are to be used in conjunction with the reagent package insert and the instrument operation manual. Refer to these documents for complete instructions before performing the tests.

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Dialab -

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