

APPLICATION PROCEDURE

KONELAB

CREATININE

"Mod. Jaffe"

Liquid
2 Reagents

REF	Cont.
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D95595	5 x 100 ml	4 x 100 ml 1 x 100 ml	Reagent 1 Reagent 2	4000 tests 125 µl/test
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DK0722*	5 x 50 ml	4 x 50 ml 1 x 50 ml	Reagent 1 Reagent 2	2000 tests 125 µl/test
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* Reagent filled into Kone system bottles
Reagent ID:
R1: 722
R2: 822

Additionally offered:

D94592	1 x 3 ml	Creatinine 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 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	Creatinine		
On line name	Creat		
Result unit	mg/dl		
Number of decimals	1		
Acceptance	AUTOMATIC		
Dilution 1 +	0		
Sample type	Serum		
Test in use	YES		
Test Limit	Low	High	Units
	0	15.0	mg/dl
Initial Absorbance	0.0	1.1	A
Dilution limit	*	14.0	mg/dl
Secondary dil. 1 +	0	9	
Correction factor	0.88		
Correction bias	0.00		
Calibration parameters			
Calibration type	LINEAR		
Repeat time (d)	0		
Point/Calibrator	2		
Acceptance	Automatic		
Type of calibrator	SEPARATE		
Calibrator id.	WATER/CAL		
Concentration	#		
Bias corr.in use	NO		

#) Data entry by the user

**) Factor must be checked by a calibration serum

Abs. Error (mA)	1		
Rel. Error (%)	3		
Response limit	Min	Max	
	*	*	
Test flow			
Blank	Yes	Antigen excess	NO
Reagent 1	CREA1		
Reagent volume (µl)	100		
Disp with	EXTRA	Volume(µl)	20
Sample Volume (µl)	5		
Disp with	WATER	Volume(µl)	20
Dilution with	WATER		
Incubation Time (sec)	300		
Reagent 2	CREA2		
Reagent volume (µl)	25		
Disp with	EXTRA	Volume(µl)	20
Measurement	End point		
Blank	Resp. min (A)	Resp. max (A)	
	*	*	
Incubation Time (sec)	60		
	Measurement	Kinetic	
	λ 1 (nm)	510	λ 2 (nm) NONE
Curve type	LINEAR		
	Time (sec)	120	
	Point & Inter	2/117	
Konelab 30/60	2/117		
Konelab 20	2/117		

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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