

APPLICATION PROCEDURE

KONELAB

CK-NAC

(Creatine Kinase - NAC)

opt. DGKC / IFCC

Diagnostic reagent for quantitative in vitro determination of creatin kinase (CK-NAC) in human serum or plasma on photometric systems

REF	Cont.				
D94581	5 x 50 ml	4 x 50 ml	Reagent 1	1250 tests/kit	
		1 x 50 ml	Reagent 2		
DK0719*	5 x 50 ml	4 x 50 ml	Reagent 1	1250 tests/kit	
		1 x 50 ml	Reagent 2		

* Konelab System Pack

Additionally offered:

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.

2. Instrument settings:

Temperature: 37 °C

Test Definition:			
Test type	Photometric		
Full name	CK-NAC		
On line name	CK		
Result unit	U/I		
Number of decimals	0		
Acceptance	AUTOMATIC		
Dilution 1 +	0		
Sample type	Serum		
Test in use	YES		
Test Limit	Low	High	Units
	0	7500	U/I
Initial Absorbance	0	1.5	A
Dilution limit	0	1500	U/I
Secondary dil. 1 +	0	4	
Correction factor	1.35		
Correction bias	0.00		
Calibration parameters			
Calibration type	NONE		
Factor	3040**	Bias	0
Bias corr.in use	NO		

Test flow			
Blank	Yes	Antigen excess	NO
Reagent 1	CK1		
Reagent volume (µl)	160		
Disp with	Water	Volume(µl)	0
Reagent 2	CK2		
Reagent volume (µl)	40		
Disp with	Water	Volume(µl)	0
Wash reagent	None		
Measurement	Endpoint		
Resp. Min(A)	*	Resp. Max(A)	
Sample Volume (µl)	8		
Disp with	Water	Volume(µl)	0
Dilution with	WATER		
Incubation Time (sec)	240		
Measurement	Kinetic		
	λ 1 (nm)	λ 2 (nm)	None
	340		
Curve type	NONLINEAR		
Nonlinearity limits			
Conc (U/L)	10		
Percent (%)	15		
Time (sec)	120		
	Point & Inter		
Konelab 30/60	3/54		

#) 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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