

APPLICATION PROCEDURE

KONELAB

CHOLESTEROL LDL, DIRECT ENZYMATIC SELECTIVE PROTECTION

Diagnostic reagent for quantitative in vitro determination of low density lipoprotein cholesterol (LDL-C) in human serum or plasma on photometric systems

REF	Cont.			
F05365	5 x 50 ml	4 x 50 ml 1 x 50 ml	Reagent 1 Reagent 2	1000 tests/kit
F05367	5 x 10 ml	4 x 10 ml 1 x 10 ml	Reagent 1 Reagent 2	200 tests/kit
FK0716*	5 x 50 ml	4 x 50 ml 1 x 50 ml	Reagent 1 Reagent 2	1000 tests/kit

* Konelab System Pack

Additionally offered:

F03711SV	1 x 1 ml	LDL Cholesterol Calibrator
D99486	3 x 3 ml	Lipid Control normal Diacon Lipids

1. Reagent preparation

The reagent is ready to use.

2. Instrument settings:

Temperature: 37 °C

Test Definition:			
Test type	Photometric		
Full name	LDL		
On line name	LDL		
Result unit	mg/dl		
Number of decimals	1		
Acceptance	AUTOMATIC		
Dilution 1 +	0		
Sample type	Serum/plasma		
Test in use	YES		
Test Limit	Low	High	Units
	0	350	mg/dl
Initial Absorbance	0.0	2.0	A
Dilution limit	*	350	mg/dl
Secondary dil. 1 +	0		
Correction factor	1.00		
Correction bias	0.00		
Calibration parameters			
Calibration type	LINEAR		
Repeat time (d)	0		
Point/Calibrator	2		
Acceptance	MANUAL		
Type of calibrator	SEPARATE		

Calibrator id.	WATER/CAL		
Concentration	#		
Bias corr.in use	NO		
Abs. Error (mA)	*		
Rel. Error (%)	*		
Response limit	Min	Max	
	*	*	
Test flow			
Blank	YES	Antigen excess	NO
Reagent 1	LDL1		
Reagent volume (µl)	200		
Disp with	EXTRA	Volume(µl)	20
Sample Volume (µl)	2		
Disp with	WATER	Volume(µl)	10
Dilution with	WATER		
Incubation Time (sec)	300		
Blank	Resp. min (A)	Resp. max (A)	
	*	*	
Reagent 2	LDL2		
Reagent volume (µl)	50		
Disp with	EXTRA	Volume(µl)	10
Incubation Time (sec)	300		
	λ 1 (nm)	600	λ 2 (nm) 700
Meas. type	Fixed timing		

#) Data entry by the user

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.