

APPLICATION PROCEDURE

KONELAB

PROTEIN TOTAL

Biuret

Diagnostic reagent for quantitative in vitro determination of total protein in human serum or plasma on photometric systems

REF

Cont.

D95680	5 x 100 ml	4 x 100 ml 1 x 100 ml	Reagent 1 Reagent 2
DK0738*	5 x 50 ml	4 x 50 ml 1 x 50 ml	Reagent 1 Reagent 2

* Konelab System Pack

Additionally offered:

D94683	1 x 3 ml	Protein total 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 reagent is ready to use.

2. Instrument settings:

Temperature: 37 °C

Test Definition:			
Test type	Photometric		
Full name	Total Protein		
On line name	TP		
Result unit	g/dl		
Number of decimals	2		
Acceptance	AUTOMATIC		
Dilution 1 +	0		
Sample type	Serum/plasma		
Test in use	YES		
Test Limit	Low	High	Units
	0.00	20.0	g/dl
Initial Absorbance	0.0	2.0	A
Dilution limit	*	10.0	g/dl
Secondary dil. 1 +	0	2	
Correction factor	1.00		
Correction bias	0.00		
Calibration parameters			
Calibration type	LINEAR		
Repeat time (d)	0		
Point/Calibrator	2		
Acceptance	Automatic		
Type of calibrator	SEPARATE		

#) Data entry by the user

Calibrator id.	WATER/CAL		
Concentration	#		
Bias corr.in use	NO		
Abs. Error (mA)	10		
Rel. Error (%)	*		
Response limit	Min	Max	
	*	*	
Test flow			
Blank	YES	Antigen excess	NO
Reagent 1	TP1		
Reagent volume (µl)	120		
Disp with	EXTRA	Volume(µl)	20
Sample Volume (µl)	3		
Disp with	WATER	Volume(µl)	10
Dilution with	WATER		
Incubation Time (sec)	300		
Measurement	End point		
Blank	Resp. min (A)	Resp. max (A)	
	*	*	
Reagent 2	TP2		
Reagent volume (µl)	30		
Disp with	EXTRA	Volume(µl)	10
Incubation Time (sec)	300		
	λ 1 (nm)	540	λ 2 (nm) NONE
Meas. type	Normal		

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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