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	Reagent 1
		1 x 100 ml	Reagent 2
DK0738*	**5 x 50 ml**	4 x 50 ml	Reagent 1
		1 x 50 ml	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**		
	Low	High	Units
Test Limit	**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**
Calibrator id.	**WATER/CAL**
Concentration	**#**
Bias corr.in use	**NO**
Abs. Error (mA)	**10**
Rel. Error (%)	*
	Min / Max
Response limit	* / *

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			
	Resp. min (A)	Resp. max (A)		
Blank	*	*		
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**			

#) 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.