

KONELAB

PHOSPHORUS INORGANIC

Molybdate

Diagnostic reagent for quantitative in vitro determination of phosphorus in human serum, plasma or urine on photometric systems.

REF **Cont.**

D00362 **5 x 50 ml** Single Reagent **1250 tests/kit**
DK0737* **5 x 50 ml** Single Reagent **1250 tests/kit**
 * Konelab System Pack

Additionally offered:

D95362 1 x 3 ml Phosphorus Standard
 D98485 5 x 3 ml Calibrator Dialcal 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	Phosphorus		
On line name	Phos		
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
	0.0	54.3	mg/dl
Initial Absorbance	0.0	2.5	A
Dilution limit	*	11.0	mg/dl
Secondary dil. 1 +	0	4	
Correction factor	1.00		
Correction bias	0.00		
Calibration parameters			
Calibration type	LINEAR		
Repeat time (d)	0		
Point/Calibrator	2		
Acceptance	Automatic		

#) Data entry by the user

**) Factor must be checked by a calibration serum

Type of calibrator	SEPARATE		
Calibrator id.	WATER/CAL		
Concentration	#		
Bias corr.in use	NO		
Abs. Error (mA)	11.0		
Rel. Error (%)	2.0		
Response limit	* Min		* Max
Test flow			
Blank	YES	Antigen excess	NO
Reagent	PHOS		
Reagent volume (µl)	200		
Disp with	Water	Volume(µl)	20
Measurement	Endpoint		
	Resp min (A)		Resp max (A)
Blank	*		*
Sample Volume (µl)	2		
Disp with	WATER	Volume(µl)	20
Dilution with	WATER		
Incubation Time (sec)	300		
Measurement	Endpoint		
	λ 1 (nm)	λ 2 (nm)	
	340	700	
Res. Net Abs	0		
Meas. type	Fixed timing		

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Dialab -

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.