

**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            Diacon 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

<b>Test Definition:</b>			
Test type	Photometric		
Full name	<b>Phosphorus</b>		
On line name	<b>Phos</b>		
Result unit	<b>mg/dl</b>		
Number of decimals	<b>1</b>		
Acceptance	<b>AUTOMATIC</b>		
Dilution 1 +	<b>0</b>		
Sample type	<b>Serum/plasma</b>		
Test in use	<b>YES</b>		
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		
<b>Calibration parameters</b>			
Calibration type	<b>LINEAR</b>		
Repeat time (d)	<b>0</b>		
Point/Calibrator	<b>2</b>		
Acceptance	<b>Automatic</b>		

#) Data entry by the user  
 \*\*) Factor must be checked by a calibration serum

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

**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.