



### INORGANIC PHOSPHORUS, AU400/ AU400<sup>®</sup>/AU640/AU640<sup>®</sup> Application

System Reagent: OSR6x22

Reagent ID: 022

### INORGANIC PHOSPHORUS, AU600 Application

System Reagent: OSR6x22

Reagent ID: 022

Specific Test Parameters										
General		LIH	ISE	Range						
Test Name:		PHOS		<	>	Type:	Serum		Operation:	Yes
Sample:	Volume	3	μL	Dilution	0	μL	Pre-Dilution Rate:	1		
Reagents:	R1 Volume	30	μL	Dilution	120	μL	Min OD	Max OD		
	R2 Volume	30	μL	Dilution	120	μL	L	H		
Wavelength:	Pri.	340	▽	Sec.	380	▽	Reagent OD limit:			
Method:	END		▽	First L	-0.1	First H	0.1			
Reaction slope:	+		▽	Last L	-0.1	Last H	0.5			
Measuring Point 1:	First	0		Last	27		Dynamic Range:			
Measuring Point 2:	First	0		Last	10		L	1*	H	20*
Linearity:			%	Correlation Factor:			A	1	B	0
No Lag Time:			▽	On-board stability period:	30					

Specific Test Parameters											
General		LIH	ISE	Range							
Test Name:		PHOS		<	>	Type:	Serum				
Value/Flag:		#	▽	Level L:	#	Level H:	#				
Normal Ranges:		Age L		Age H		L		H			
	Sex	Year	Month	Year	Month						
o	1.	#	▽	#	#	#	#	#	#	#	#
o	2.	#	▽	#	#	#	#	#	#	#	#
o	3.	#	▽	#	#	#	#	#	#	#	#
o	4.	#	▽	#	#	#	#	#	#	#	#
o	5.	#	▽	#	#	#	#	#	#	#	#
o	6.	#	▽	#	#	#	#	#	#	#	#
7. None Selected						#		#		#	
8. Out of Range		L		H		#		#		#	
Panic Value:		#		#		Unit:	mg/dL*		Decimal places: #		

Calibration Specific											
General		ISE									
Test Name:		PHOS		<	>	Type:	Serum				
Calibration Type:		AB		Formula:	Y=AX+B		Counts:	#			
Process:		CONC									
	Cal. No.	OD	CONC	Factor/OD-L	Factor/OD-H						
Point 1:	#		†	24*	41*						
Point 2:											
Point 3:											
Point 4:											
Point 5:											
Point 6:											
Point 7:											
1-Point Cal. Point:				o With CONC-0							
MB Type Factor:				Calibration Stability Period:		30					

# User defined  
 † System Calibrator Cat. No.: DR0070  
 \* Values set for working in mg/dL. To work in SI units (mmol/L) divide by 3.1

Specific test parameters										
Test No		#	Test name	PHOS <th>Sample type</th> <th>Ser <th colspan="3">Page</th> <th>1/2</th> </th>	Sample type	Ser <th colspan="3">Page</th> <th>1/2</th>	Page			1/2
Sample vol.	3	Dil. vol	0	μL	Min. OD	Max. OD				
Reagent 1 vol	30	Dil. vol	120	μL	L	H				
Reagent 2 vol	30	Dil. vol	120	μL	Reagent OD limit:					
Wave	Main	340	Sub	380	▽	Fst. L	-0.1	Fst. H	0.1	
Method	END		▽	Lst. L	-0.1	Lst. H	0.5			
Reaction	+		▽	Dynamic range						
Point 1	Fst	0	Lst	27	Correlation factor	L	1*	H	20*	
Point 2	Fst	0	Lst	10	A	1		B	0	
Linearity	Fst			%	Sec			%		
No lag time			▽	On-board stability period	30					

Select using Space key, or select from list displayed by Guide key

Specific Test Parameters											
Test No		#	Test name	PHOS <th>Sample type</th> <th>Ser <th colspan="3">Page</th> <th>2/2</th> </th>	Sample type	Ser <th colspan="3">Page</th> <th>2/2</th>	Page			2/2	
Value/flag		#	▽	Level L	#	Level H	#				
Normal range		Sex		Age	L	Age	H	L	H		
1	#	▽	#	Y	#	M	#	Y	#	M→	#
2	#	▽	#	Y	#	M	#	Y	#	M→	#
3	#	▽	#	Y	#	M	#	Y	#	M→	#
4	#	▽	#	Y	#	M	#	Y	#	M→	#
5	#	▽	#	Y	#	M	#	Y	#	M→	#
6	#	▽	#	Y	#	M	#	Y	#	M→	#
7	Non select		#			#	#	#	#	#	#
8	Out of range		#			#	#	#	#	#	#
Panic value		#				#	#	#	#	#	#

Select the function using the Function key or the Mouse

Calibration specific											
Test No		#	Test name	PHOS <th colspan="5"></th>							
Cal type	8	AB	▽	Count	#						
Formula	1	Y=AX+B	▽	Process	Conc						
Selection calibrator		Cal No	OD	Conc	Factor/OD-L	Factor/OD-H					
Point 1	#	▽		†	24*	41*					
Point 2		▽									
Point 3		▽									
Point 4		▽									
Point 5		▽									
Point 6		▽									
Point 7		▽									
1-point cal. point				o With CONC-0							
MB type factor				Calibrator stability period		30					

Select the function using the Function key or the Mouse

# User defined  
 † System Calibrator Cat. No.: DR0070  
 \* Values set for working in mg/dL. To work in SI units (mmol/L) divide by 3.1

### INORGANIC PHOSPHORUS, AU2700/AU5400 Application

System Reagent: OSR6x22

Reagent ID: 022

Specific Test Parameters											
General		LIH	ISE	Range							
Test Name:		PHOS		<	>	Type:	Serum		Operation:	Yes	
Sample:	Volume	2.5	μL	Dilution	0	μL	Pre-Dilution Rate:	1			
Reagents:	R1 Volume	25	μL	Dilution	100	μL	Min OD	Max OD			
	R2 Volume	25	μL	Dilution	100	μL		L	H		
Wavelength:							Pri.	340	Sec.	380	
Method:							END				
Reaction slope:							+				
Measuring Point 1:		First	0	Last	27	First L	-0.1	First H	0.1		
Measuring Point 2:		First	0	Last	10	Last L	-0.1	Last H	0.5		
Linearity:											
No Lag Time:											
Dynamic Range:							L	1*	H	20*	
Correlation Factor:							A	1	B	0	
On-board stability period:							30				

Specific Test Parameters										
General		LIH	ISE	Range						
Test Name:		PHOS		<	>	Type:	Serum			
Value/Flag:		#	Level L:	#	Level H:	#				
Normal Ranges:		Age L	Age H							
	Sex	Year	Month	Year	Month	L	H			
o	1.	#	#	#	#	#	#	#	#	#
o	2.	#	#	#	#	#	#	#	#	#
o	3.	#	#	#	#	#	#	#	#	#
o	4.	#	#	#	#	#	#	#	#	#
o	5.	#	#	#	#	#	#	#	#	#
o	6.	#	#	#	#	#	#	#	#	#
7. None Selected										
8. Out of Range										
Panic Value:		#	L	#	H	#	Unit: mg/dL* Decimal places: #			

Calibration Specific										
General		ISE								
Test Name:		PHOS		<	>	Type:	Serum			
Calibration Type:		AB		Formula:	Y=AX+B		Counts:	#		
Process:		CONC								
Point 1:	Cal. No.	OD	CONC	Factor/OD-L	Factor/OD-H					
Point 2:	#		†	24*	41*					
Point 3:										
Point 4:										
Point 5:										
Point 6:										
Point 7:										
1-Point Cal. Point:				Advanced Calibration:		#				
MB Type Factor:				Calibration Stability Period:		30				

# User defined.

† System Calibrator Cat. No.: DR0070

\* Values set for working in mg/dL. To work in SI units (mmol/L) divide by 3.1

φ AU680

### INORGANIC PHOSPHOROUS, AU680/AU480 Application

System Reagent: OSR6x22

Reagent ID: 022

Parameters											
General		LIH	ISE	HbA1c	Calculated Test		Range				
Test Name:		PHOS		<	>	Type:	Serum		Operation:	Yes	
Sample Volume	2.5	μL	Dilution	0	μL	OD Limit					
Pre-Dilution Rate	1			Min.OD			Max.OD				
Rgt. Volume	R1(R1-1)	25	μL	Dilution	100	μL	Reagent OD Limit				
							First	Low	-0.1	High	0.1
							Last	Low	-0.1	High	0.5
	R2(R2-1)	25	μL	Dilution	100	μL					
Common Rgt. Type		Noneφ		Name	φ		Dynamic Range Low	1*	High	20*	
Wavelength	Pri	340	nm	Sec.	380	nm	Correlation Factor A	1	B	0	
Method		END		Factor for Maker	A		1	B	0		
Reaction Slope		+		Onboard Stability Period		30	Day	0	Hour		
Measuring Point1 First		0		Last		27	LIH Influence Check		#		
Measuring Point2 First		0		Last		10	Lipemia		+++++		
Linearity Limit						Icterus		+++++			
Lag Time Check						Hemolysis		++++			

Parameters										
General		LIH	ISE	HbA1c	Calculated Test		Range			
Test Name:		PHOS		<	>	Type:	Serum			
Value/Flag:		#		Low	#		High	#		
Level		#		#		#		Panic Value		
Specific Ranges:		From	To	Low	High		Low	High		
	Sex	Year	Month	Year	Month	Low	High			
o	1.	#	#	#	#	#	#	#	#	#
o	2.	#	#	#	#	#	#	#	#	#
o	3.	#	#	#	#	#	#	#	#	#
o	4.	#	#	#	#	#	#	#	#	#
o	5.	#	#	#	#	#	#	#	#	#
o	6.	#	#	#	#	#	#	#	#	#
7. No demographics										
8. Not within expected values										
Unit		mg/dL*		Decimal Places		#				

Parameters										
Calibrators		Calibration Specific		STAT Table Calibration						
General		ISE								
Test Name:		PHOS		<	>	Type:	Serum		o Use Serum Cal.	
Calibration Type:		AB		Formula:	Y=AX+B		Counts:	#		
<Calibrator Parameters>		Factor Range		Low		High		Slope Check		
Point 1:	Calibrator	OD	Conc	24*	41*		None			
Point 2:	#		†				Allowance Range Check			
Point 3:							o Reagent Blank			
Point 4:							o Calibration			
Point 5:							Advanced Calibration			
Point 6:							Operation			
Point 7:							Yes			
Point 8:							Interval (RB/ACAL)			
Point 9:							Lot/Lot			
Point 10:										
<Point Cal. For		No. of Correction Points		Use Master Curve		o Lot Calibration				
Master Curve>		OD Range		Low		High		Stability		
Point-1	Calibrator	OD	Conc	Low	High		Reagent Blank	30	Day	0
Point-2	#						Calibration	30	Day	0
MB Type Factor:		1-Point Calibration Point		o with Conc-0						