Pointe Scientific, Inc.

Instrument Application

Analyzer: Dimension
Test: Albumin
Catalog # : A7502

USER DEFINED METHOD:
Channel: ** **Name:** ALB **Mode:** ABSORBANCE **Curve:** LINEAR

Delivery	Time	Comp. 1	Comp. 2	Comp. 3	Chase	Mix
R1:	-30.0	400 ul				
S1:	0.0	4 ul			10 ul	MODERATE
R2:						
R3:						

Photometry	Time	C.Conf.	1	2	3	4	5	6
P1:	-5 s	Comp.	A	A	A	A	A	A
P2:	60 s	# of Tests	9	9	9	9	9	9
P3:		Well Life (hrs)						
P4:		On Board Life: **			Calibration: **			

USER DEFINED METHOD: TWO POINT CALCULATION
Mode: ENDPOINT **Measuring Filter:** 600 nm **Blanking Filter:** 700 nm

P1: -5 s	Dilution: 0	IOD: -
P2: 60 s	Dilution: 1.010	IOD: -
P3:	Dilution:	FOD: -
P4:	Dilution:	FOD: -

METHOD PARAMETERS **Method:** ALB
Test Name: ALBUMIN (PRELIMINARY)
Decimals: 1 **Results Units:** G/DL **Calculation:** LINEAR

Auto Dilution Vol: (Normal: 4ul) **Serum/Plasma:** 0 **Urine:** 0

Intervals	Serum/Plasma	CSF	Urine
REFERENCE	3.5-5.3		
ASSAY	0.5-8.0		

Lot	CO	C1
**	**	**

Reconstitute product according to package insert instructions.
**Denotes user-defined parameter.
It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Pointe Scientific, Inc.

Instrument Application

Analyzer: Dimension
Test: Alkaline Phosphatase
Catalog # : A7505, A7516

OPEN CHANNEL ENTRY SCREEN:

ALKALINE PHOSPHATASE									
Channel: **				Name: ALP					
Kinetics: RATE		Mode: ABSORBANCE		Std. Curve: VERIFY					
Active Wavelength: 405nm				Reference Wavelength: 510nm					
Sample	Time	Volume	Chase	Mix					
	0.0	8 ul	20 ul	MODERATE					
Reagent	Time	Component1	Component2	Component3	Chase	Mix			
1.:	-110.0	330 ul							
2.:									
3.:									
Photo	Time	Weight	Well:	1	2	3	4	5	6
First:	+60 s	-1.0	Component:	A	A	A	A	A	A
Second:	240 s	+1.0	Aliquots:	11	11	11	11	11	11

Reconstitute product according to package insert instructions.
**Denotes user-defined parameter.
It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 1-03

Pointe Scientific, Inc.

Instrument Application

Analyzer: Dimension
Test: ALT
Catalog # : A7525, A7526

OPEN CHANNEL ENTRY SCREEN:

ALT									
Channel: **				Name: ALT					
Kinetics: RATE		Mode: ABSORBANCE			Std. Curve: VERIFY				
Active Wavelength: 340nm				Reference Wavelength: 383nm					
Sample	Time	Volume	Chase	Mix					
	0.0	40 ul	10 ul	MODERATE					
Reagent	Time	Component1	Component2	Component3	Chase	Mix			
1.:	-110.0	400 ul							
2.:									
3.:									
Photo	Time	Weight	Well:	1	2	3	4	5	6
First:	+60 s	+1.0	Component:	A	A	A	A	A	A
Second:	240 s	-1.0	Aliquots:	9	9	9	9	9	9

Reconstitute product according to package insert instructions.
**Denotes user-defined parameter.
It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 1-03

Pointe Scientific, Inc.

Instrument Application

Analyzer: Dimension
Test: Amylase
Catalog # : A7564

OPEN CHANNEL ENTRY SCREEN:

AMYLASE									
Channel: **				Name: AMY					
Kinetics: RATE		Mode: ABSORBANCE		Std. Curve: VERIFY					
Active Wavelength: 405nm				Reference Wavelength: 510nm					
Sample	Time	Volume	Chase	Mix					
	0.0	8 ul	10 ul	MODERATE					
Reagent	Time	Component1	Component2	Component3	Chase	Mix			
1.:	-110.0	340 ul							
2.:									
3.:									
Photo	Time	Weight	Well:	1	2	3	4	5	6
First:	+60 s	-1.0	Component:	A	A	A	A	A	A
Second:	300 s	+1.0	Aliquots:	11	11	11	11	11	11

Reconstitute product according to package insert instructions.
**Denotes user-defined parameter.
It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 1-03

Pointe Scientific, Inc.

Instrument Application

Analyzer: Dimension
Test: AST
Catalog # : A7560, A7561

OPEN CHANNEL ENTRY SCREEN:

AST									
Channel: **				Name: AST					
Kinetics: RATE		Mode: ABSORBANCE			Std. Curve: VERIFY				
Active Wavelength: 340nm				Reference Wavelength: 383nm					
Sample	Time	Volume	Chase	Mix					
	0.0	40 ul	10 ul	MODERATE					
Reagent	Time	Component1	Component2	Component3	Chase	Mix			
1.:	-110.0	400 ul							
2.:									
3.:									
Photo	Time	Weight	Well:	1	2	3	4	5	6
First:	+60 s	+1.0	Component:	A	A	A	A	A	A
Second:	240 s	-1.0	Aliquots:	9	9	9	9	9	9

Reconstitute product according to package insert instructions.
**Denotes user-defined parameter.
It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 1-03

Pointe Scientific, Inc.

Instrument Application

Analyzer: Dimension
Test: Beta Hydroxybutyrate
Catalog # : H7587

Reagent Preparation: Prepare reagents as stated in package insert instructions

Channel: # **Reagent Cartridge:**

Name: B-Hydroxy

Well:	1	2	3	4	5	6
Component:	A	A	A	A	B	B
Aliquots:	13	13	13	13	26	26
Life (hrs):	168	168	168	168	168	168

Sample:

Time:	0.0 sec		
Volume:	8.0 ul	Reagent Cartridge Life:	720 hrs.
Chase:	10.0 ul	Calibrator Interval:	336 hrs.
Mix:	Moderate	Standard Curve:	Endpoint
		Measurement Mode:	Absorbance

First Reagent:

Time:	-60.0 sec		
Comp 1:	(A) 300ul	**Calibration Review:**	
Comp 2:	() 0 ul	Method:	B-Hydroxy
Comp 3:	() 0 ul	Status:	Calibrated
Chase:	0 ul	Units:	mmol/L
Mix:	NONE	Calculation:	Linear

Second Reagent:

			NEW	OLD
Time:	245.3 sec	CO:	***	0.000
Comp 1:	(B) 50 ul	C1:	***	1.000
Comp 2:	( ) 0 ul	C2:	***	
Comp 3:	( ) 0 ul	C3:	***	
Chase:	( ) 20 ul	C4:	***	
Mix:	Moderate			

Third Reagent:

		LEVEL	1	2	3	4	5
Time:	***sec.	BTTL	00	***	***	***	***
Comp 1:	( ) 0 ul	MEAN	***	***	***	***	***
Comp 2:	( ) 0 ul	SD	***	***	***	***	***
Comp 3:	( ) 0 ul	#1	***	***	***	***	***
Chase:	( ) ul	#2	***	***	***	***	***
Mix:	NONE	#3	***	***	***	***	***

Photometry:

P1 Time:	230 sec	m= ***	b= ***	r= ***
P2 Time:	540 sec	QC LEVEL	REF. INTERVAL	RESULT
P3 Time:	***	1st	***	***
P4 Time:	***	2nd	***	***
		3rd	***	***

Statistics

MAU CALCULATION

```
{
A=  BICH (P1, 500NM, 700NM):
B=  BICH (P2, 500NM, 700NM):
C=  A*  (-0.727) + B*  (1.000):
RETURN C:
}
```

Non-Validated Application and may need to be modified slightly to obtain optimal performance in your laboratory.
It is recommended that two levels of control material be assayed daily.
*** USER DEFINED
Rev. 12-03

Pointe Scientific, Inc.

Instrument Application

Analyzer: Dimension
Test: BUN
Catalog # : B7550,B7552

OPEN CHANNEL ENTRY SCREEN:

BUN									
Channel: **				Name: BUN					
Kinetics: ENDPOINT		Mode: ABSORBANCE		Std. Curve: LINEAR					
Active Wavelength: 340nm				Reference Wavelength: -					
Sample	Time	Volume	Chase	Mix					
	0.0	4 ul	20 ul	MODERATE					
Reagent	Time	Component1	Component2	Component3	Chase	Mix			
1.:	-110.0	400 ul							
2.:									
3.:									
Photo	Time	Weight	Well:	1	2	3	4	5	6
First:	+60 s	+1.0	Component:	A	A	A	A	A	A
Second:	120 s	-1.0	Aliquots:	9	9	9	9	9	9

Reconstitute product according to package insert instructions.
**Denotes user-defined parameter.
It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 1-03

Pointe Scientific, Inc.

Instrument Application

Analyzer: Dimension
Test: Cholesterol
Catalog # : C7509,C7510

OPEN CHANNEL ENTRY SCREEN:

CHOLESTEROL									
Channel: **				Name: CHOL					
Kinetics: ENDPOINT		Mode: ABSORBANCE		Std. Curve: LINEAR					
Active Wavelength: 510nm				Reference Wavelength: 700nm					
Sample	Time	Volume	Chase	Mix					
	0.0	4 ul	20 ul	MODERATE					
Reagent	Time	Component1	Component2	Component3	Chase	Mix			
1.:	-110.0	400 ul							
2.:									
3.:									
Photo	Time	Weight	Well:	1	2	3	4	5	6
First:	-10 s	-1.0	Component:	A	A	A	A	A	A
Second:	300 s	+1.0	Aliquots:	9	9	9	9	9	9

Reconstitute product according to package insert instructions.
**Denotes user-defined parameter.
It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 1-03

Pointe Scientific, Inc.

Instrument Application

Analyzer: Dimension
Test: Creatine Kinase
Catalog # : C7512

OPEN CHANNEL ENTRY SCREEN:

CK									
Channel: **				Name: CK					
Kinetics: RATE		Mode: ABSORBANCE		Std. Curve: VERIFY					
Active Wavelength: 340nm				Reference Wavelength: 383nm					
Sample	Time	Volume	Chase	Mix					
	0.0	15 ul	10 ul	MODERATE					
Reagent	Time	Component1	Component2	Component3	Chase	Mix			
1.:	-90.0	370 ul							
2.:									
3.:									
Photo	Time	Weight	Well:	1	2	3	4	5	6
First:	+120 s	-1.0	Component:	A	A	A	A	A	A
Second:	360 s	+1.0	Aliquots:	10	10	10	10	10	10

Reconstitute product according to package insert instructions.
**Denotes user-defined parameter.
It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 1-03

Pointe Scientific, Inc.
Instrument Applications
Cobas Mira Plus

Pointe Scientific, Inc.

Instrument Application

Analyzer: Dimension
Test: Creatinine
Catalog # : C7539

OPEN CHANNEL ENTRY SCREEN:

CREATININE									
Channel: **				Name: CREAT					
Kinetics: ENDPOINT		Mode: ABSORBANCE		Std. Curve: LINEAR					
Active Wavelength: 510nm				Reference Wavelength: 600nm					
Sample	Time	Volume	Chase	Mix					
	0.0	15 ul	20 ul	MODERATE					
Reagent	Time	Component1	Component2	Component3	Chase	Mix			
1.:	-110.0	340 ul							
2.:									
3.:									
Photo	Time	Weight	Well:	1	2	3	4	5	6
First:	-10 s	-1.0	Component:	A	A	A	A	A	A
Second:	120 s	+1.0	Aliquots:	11	11	11	11	11	11

Reconstitute product according to package insert instructions.
**Denotes user-defined parameter.
It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 1-03

Pointe Scientific, Inc.

Instrument Application

Analyzer: Dimension
Test: CRP HS
Catalog # : C7564

Reagent Preparation: Reagents provided as ready to use liquids.

Channel:	#	Reagent Cartridge:						
Name:	CRP HS	Well:	1	2	3	4	5	6
		Component:	A	A	A	A	B	B
		Aliquots:	*	*	*	*	*	*
		Life (hrs):	168	168	168	168	168	168

Sample:

Time:	0.0 sec		
Volume:	15.0 ul	Reagent Cartridge Life:	720 hrs.
Chase:	10.0 ul	Calibrator Interval:	336 hrs.
Mix:	Moderate	Standard Curve:	Logit
		Measurement Mode:	Turbidimetric

First Reagent:

Time:	-60.0 sec		
Comp 1:	(A) 150 ul	**Calibration Review:**	
Comp 2:	() 0 ul	Method:	CRP HS
Comp 3:	() 0 ul	Status:	Calibrated
Chase:	0 ul	Units:	%
Mix:	NONE	Calculation:	Logit

Second Reagent:

			NEW	OLD
Time:	245.3 sec	CO:	***	0.000
Comp 1:	(B) 100 ul	C1:	***	1.000
Comp 2:	() 0 ul	C2:	***	
Comp 3:	() 0 ul	C3:	***	
Chase:	0 ul	C4:	***	
Mix:	Moderate			

Third Reagent:

			LEVEL	1	2	3	4	5
Time:	***sec.	BTTL		00	57	57	***	***
Comp 1:	() 0 ul	MEAN		***	***	***	***	***
Comp 2:	() 0 ul	SD		***	***	***	***	***
Comp 3:	() 0 ul	#1		***	***	***	***	***
Chase:	() ul	#2		***	***	***	***	***
Mix:	NONE	#3		***	***	***	***	***

Photometry:

P1 Time:	230 sec	m= ***	b= ***	r= ***
P2 Time:	540 sec	QC LEVEL	REF. INTERVAL	RESULT
P3 Time:	***	1st	***	***
P4 Time:	***	2nd	***	***
		3rd	***	***

Statistics

MAU CALCULATION

```
{
A=  BICH (P1, 570NM, 800NM):
B=  BICH (P2, 570NM, 800NM):
C=  A*  (-0.727) + B*  (1.000):
RETURN C:
}
```

NOTE: Use Saline as the Zero std.

Non-Validated Application and may need to be modified slightly to obtain optimal performance in your laboratory.
It is recommended that two levels of control material be assayed daily.
Rev. 10-03

Pointe Scientific, Inc.

Instrument Application

Analyzer: Dimension
Test: Fructosamine
Catalog # : F7546

OPEN CHANNEL ENTRY SCREEN:

FRUCTOSAMINE									
Channel: **				Name: Fruc					
Kinetics: ENDPOINT		Mode: ABSORBANCE		Std. Curve: LINEAR					
Active Wavelength: 550nm				Reference Wavelength: 700nm					
Sample	Time	Volume	Chase	Mix					
	0.0	20 ul	10 ul	MODERATE					
Reagent	Time	Component1	Component2	Component3	Chase	Mix			
1.:	110.0	400 ul							
2.:									
3.:									
Photo	Time	Weight	Well:	1	2	3	4	5	6
First:	-10 s	-1.0	Component:	A	A	A	A	A	A
Second:	300 s	+1.0	Aliquots:	9	9	9	9	9	9

Reconstitute product according to package insert instructions.
**Denotes user-defined parameter.
It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Non – Validated Application Rev. 1-03

Pointe Scientific, Inc.

Instrument Application

Analyzer: Dimension
Test: G6PD
Catalog # : G7583

OPEN CHANNEL ENTRY SCREEN: NON-VALIDATED application

G6PD									
Channel: **				Name: G6PD					
Kinetics: RATE		Mode: ABSORBANCE		Std. Curve: VERIFY					
Active Wavelength: 340nm				Reference Wavelength: 383nm					
Sample	Time	Volume	Chase	Mix					
	0.0	12 ul	10 ul	MODERATE					
Reagent	Time	Component1	Component2	Component3	Chase	Mix			
1.:	-57.6	350 ul							
2.:									
3.:									
Photo	Time	Weight	Well:	1	2	3	4	5	6
First:	+60 s	+1.0	Component:	A	A	A	A	A	A
Second:	240 s	-1.0	# Test	9	9	9	9	9	9

Reagent preparation: Prepare working reagent by adding 6 mls DH2O to the stated 6 ml vial and let dissolve. Now add 12 mls of the R2 reagent to the same vial. This is your working reagent.
Sample preparation: Add 100 ul whole blood to 0.9 mls lyse reagent and let stand 5 minutes. Mix well.

**Denotes user-defined parameter.
Use Factor of 98377, This application may require modification for optimal performance. This application is a
It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 1-03

Pointe Scientific, Inc.

Instrument Application

Analyzer: Dimension
Test: Glucose Oxidase
Catalog # : G7519/G7521

OPEN CHANNEL ENTRY SCREEN:

GLUCOSE (OX)									
Channel: **				Name: GLU					
Kinetics: ENDPOINT		Mode: ABSORBANCE		Std. Curve: LINEAR					
Active Wavelength: 510nm				Reference Wavelength: 600nm					
Sample	Time	Volume	Chase	Mix					
	0.0	4 ul	10 ul	MODERATE					
Reagent	Time	Component1	Component2	Component3	Chase	Mix			
1.:	-110.0	370 ul							
2.:									
3.:									
Photo	Time	Weight	Well:	1	2	3	4	5	6
First:	-10 s	-1.0	Component:	A	A	A	A	A	A
Second:	360 s	+1.0	Aliquots:	10	10	10	10	10	10

Reconstitute product according to package insert instructions.
**Denotes user-defined parameter.
It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 1-03

Pointe Scientific, Inc.

Instrument Application

Analyzer: Dimension
Test: HbA1c
Catalog # : H7541

Reagent Preparation: Prepare reagents as stated in package insert instructions

Channel:	#	Reagent Cartridge:						
Name:	HbA1c	Well:	1	2	3	4	5	6
		Component:	A	A	A	A	B	B
		Aliquots:	16	16	16	16	32	32
		Life (hrs):	168	168	168	168	168	168

Sample:

Time:	0.0 sec		
Volume:	7.0 ul	Reagent Cartridge Life:	720 hrs.
Chase:	10.0 ul	Calibrator Interval:	336 hrs.
Mix:	Moderate	Standard Curve:	Logit
		Measurement Mode:	Turbidimetric

First Reagent:

Time:	-60.0 sec		
Comp 1:	(A) 240 ul	Calibration Review:	
Comp 2:	() 0 ul	Method:	HbA1c
Comp 3:	() 0 ul	Status:	Calibrated
Chase:	0 ul	Units:	%
Mix:	NONE	Calculation:	Logit

Second Reagent:

			NEW	OLD
Time:	245.3 sec	CO:	***	0.000
Comp 1:	(B) 80 ul	C1:	***	1.000
Comp 2:	( ) 0 ul	C2:	***	
Comp 3:	( ) 0 ul	C3:	***	
Chase:	( ) 20 ul	C4:	***	
Mix:	Moderate			

Third Reagent:

			LEVEL	1	2	3	4	5
Time:	***sec.	BTTL		00	57	57	***	***
Comp 1:	( ) 0 ul	MEAN		***	***	***	***	***
Comp 2:	( ) 0 ul	SD		***	***	***	***	***
Comp 3:	( ) 0 ul	#1		***	***	***	***	***
Chase:	( ) ul	#2		***	***	***	***	***
Mix:	NONE	#3		***	***	***	***	***

Photometry:

P1 Time:	230 sec	m= ***	b= ***	r= ***
P2 Time:	540 sec	QC LEVEL	REF. INTERVAL	RESULT
P3 Time:	***	1st	***	***
P4 Time:	***	2nd	***	***
		3rd	***	***

Statistics

MAU CALCULATION

```
{
A=  BICH (P1, 600NM, 700NM):
B=  BICH (P2, 600NM, 700NM):
C=  A*  (-0.727) + B*  (1.000):
RETURN C:
}
```

NOTE: Use Saline as the Zero std. Prepare calibrators and Patient samples as stated in Package insert instructions. Note Calibrators do not require centrifugation.

Non-Validated Application and may need to be modified slightly to obtain optimal performance in your laboratory.
It is recommended that two levels of control material be assayed daily.
Rev. 10-03

Pointe Scientific, Inc.

Instrument Application

Analyzer: Dimension
Test: HDL Cholesterol
Catalog # : H7545

OPEN CHANNEL ENTRY SCREEN:

HDL CHOLESTEROL									
Channel: **				Name: HDL					
Kinetics: TWO POINT		Mode: ABSORBANCE		Std. Curve: LINEAR					
Active Wavelength: 600nm				Reference Wavelength: 700nm					
Sample	Time	Volume	Chase	Mix					
	0.0	3 ul	10 ul	MODERATE					
Reagent	Time	Component1	Component2	Component3	Chase	Mix			
1.:	-60.0	300 ul			2 ul	NONE			
2.:	248.8		100 ul		40 ul	MODERATE			
3.:									
Photo	Time	Weight	Well:	1	2	3	4	5	6
First:	+240 s	-1.0	Component:	A	A	A	A	A	A
Second:	545 s	+1.0	Aliquots:	12	12	12	12	12	12

Component 1: autoHDL R1, Component 2: autoHDL R2.
**Denotes user-defined parameter.
It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

non validated application
Rev. 1-03

Pointe Scientific, Inc.

Instrument Application

Analyzer: Dimension
Test: LDL Cholesterol
Catalog # : L7574

OPEN CHANNEL ENTRY SCREEN:

LDL CHOLESTEROL									
Channel: **				Name: LDL					
Kinetics: TWO POINT		Mode: ABSORBANCE		Std. Curve: LINEAR					
Active Wavelength: 510nm				Reference Wavelength: 700nm					
Sample	Time	Volume	Chase	Mix					
	0.0	3 ul	10 ul	MODERATE					
Reagent	Time	Component1	Component2	Component3	Chase	Mix			
1.:	-60.0	300 ul			2 ul	NONE			
2.:	248.8		100 ul		40 ul	MODERATE			
3.:									
Photo	Time	Weight	Well:	1	2	3	4	5	6
First:	+240 s	-1.0	Component:	A	A	A	A	A	A
Second:	545 s	+1.0	Aliquots:	12	12	12	12	12	12

Component 1: autoLDL R1, Component 2: autoLDL R2.
**Denotes user-defined parameter.
It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 1-03

Pointe Scientific, Inc.

Instrument Application

Analyzer: Dimension
Test: Lipase
Catalog # : L7503

OPEN CHANNEL ENTRY SCREEN:

LIPASE									
Channel: **				Name: LIP					
Kinetics: TWO POINT		Mode: ABSORBANCE		Std. Curve: LINEAR					
Active Wavelength: 540nm				Reference Wavelength: 700nm					
Sample	Time	Volume	Chase	Mix					
	0.0	5 ul	10 ul	GENTLE					
Reagent	Time	Component1	Component2	Component3	Chase	Mix			
1.:	-60.0	300 ul			20 ul	GENTLE			
2.:	180.0		100 ul		20 ul	GENTLE			
3.:									
Photo	Time	Weight	Well:	1	2	3	4	5	6
First:	+300 s	-1.0	Component:	A	A	A	A	A	A
Second:	480 s	+1.0	Aliquots:	12	12	12	12	12	12

Component 1: Lipase Substrate, Component 2: Lipase Activator.
**Denotes user-defined parameter.
It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 1-03

Pointe Scientific, Inc.

Instrument Application

Analyzer: Dimension
Test: Lp (a)
Catalog # : L7597

OPEN CHANNEL ENTRY SCREEN:

Lp(a)									
Channel: **				Name: Lp(a)					
Kinetics: ENDPOINT		Mode: ABSORBANCE		Std. Curve: LOGIT					
Active Wavelength: 340nm				Reference Wavelength: 700nm					
Sample	Time	Volume	Chase	Mix					
	0.0	15 uL	20 uL	MODERATE					
Reagent	Time	Component1	Component2	Component3	Chase	Mix			
1.:	-60.0	300 uL	----------	----------	30 uL				
2.:	197	50 uL	----------	----------	20 uL				
3.:									
Photo	Time	Dilution	Well:	1	2	3	4	5	6
First:	180 s	-0.839	Component:	A	A	A	A	A	A
Second:	490 s	1.000	Aliquots:	12	12	12	12	12	60

Reconstitute product according to package insert instructions.
**Denotes user-defined parameter.
It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 9-03

Pointe Scientific, Inc.

Instrument Application

Analyzer: Dimension
Test: Magnesium
Catalog # : M7527

OPEN CHANNEL ENTRY SCREEN:

MAGNESIUM									
Channel: **				Name: MG					
Kinetics: ENDPOINT		Mode: ABSORBANCE		Std. Curve: LINEAR					
Active Wavelength: 540nm				Reference Wavelength: 700nm					
Sample	Time	Volume	Chase	Mix					
	0.0	4 ul	10 ul	MODERATE					
Reagent	Time	Component1	Component2	Component3	Chase	Mix			
1.:	-110.0	400 ul							
2.:									
3.:									
Photo	Time	Weight	Well:	1	2	3	4	5	6
First:	-30 s	-1.0	Component:	A	A	A	A	A	A
Second:	180 s	+1.0	Aliquots:	18	18	18	18	18	18

Reconstitute product according to package insert instructions.
**Denotes user-defined parameter.
It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 1-03

Pointe Scientific, Inc.

Instrument Application

Analyzer: Dimension
Test: Microalbumin
Catalog # : M7562

Reagent Preparation: R1 & R2 are supplied as ready to use liquid reagents.

Channel:	#	**Reagent Cartridge:**						
Name:	ualb	Well:	1	2	3	4	5	6
		Component:	A	A	A	A	B	B
		Aliquots:	12	12	12	12	12	37
		Life (hrs):	168	168	168	168	168	168

Sample:

Time:	0.0 sec		
Volume:	10.0 ul	Reagent Cartridge Life:	720 hrs.
Chase:	10.0 ul	Calibrator Interval:	336 hrs.
Mix:	Moderate	Standard Curve:	Logit
		Measurement Mode:	Turbidimetric

First Reagent:

Time:	-60.0 sec		
Comp 1:	(A) 300 ul	**Calibration Review:**	
Comp 2:	() 0 ul	Method:	Microalbumin
Comp 3:	() 0 ul	Status:	Calibrated
Chase:	0 ul	Units:	mg/dl
Mix:	NONE	Calculation:	Logit

Second Reagent:

			NEW	OLD
Time:	245.3 sec	CO:	***	0.000
Comp 1:	(B) 100 ul	C1:	***	1.000
Comp 2:	() 0 ul	C2:		
Comp 3:	() 0 ul	C3:		
Chase:	20 ul	C4:		
Mix:	Moderate			

Third Reagent:

			LEVEL	1	2	3	4	5
Time:	***sec.	BTTL		00	57	57	***	***
Comp 1:	() 0 ul	MEAN		***	***	***	***	***
Comp 2:	() 0 ul	SD		***	***	***	***	***
Comp 3:	() 0 ul	#1		***	***	***	***	***
Chase:	() ul	#2		***	***	***	***	***
Mix:	NONE	#3		***	***	***	***	***

Photometry:

		Statistics		
P1 Time:	230 sec	m= ***	b= ***	r= ***
P2 Time:	540 sec	QC LEVEL	REF. INTERVAL	RESULT
P3 Time:	***	1st	***	***
P4 Time:	***	2nd	***	***
		3rd	***	***

MAU CALCULATION

```
{
A=  BICH (P1, 340NM, 700NM):
B=  BICH (P2, 340NM, 700NM):
C=  A*  (-0.727) + B*  (1.000):
RETURN C:
}
```

NOTE: Do not use Calibrator B, 0.5 mg/dl as the Dimension can not use 6 calibrators.

Application developed by third and may need to be modified slightly to obtain optimal performance in your laboratory. It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 1-03

Pointe Scientific, Inc.

Instrument Application

Analyzer: Dimension
Test: Total Protein
Catalog # : T7528

OPEN CHANNEL ENTRY SCREEN:

TOTAL PROTEIN									
Channel: **				Name: TP					
Kinetics: ENDPOINT		Mode: ABSORBANCE		Std. Curve: LINEAR					
Active Wavelength: 540nm				Reference Wavelength: 700nm					
Sample	Time	Volume	Chase	Mix					
	0.0	8 ul	10 ul	MODERATE					
Reagent	Time	Component1	Component2	Component3	Chase	Mix			
1.:	-30.0	400 ul							
2.:									
3.:									
Photo	Time	Weight	Well:	1	2	3	4	5	6
First:	-5 s	-1.0	Component:	A	A	A	A	A	A
Second:	360 s	+1.0	Aliquots:	9	9	9	9	9	9

Reconstitute product according to package insert instructions.
**Denotes user-defined parameter.
It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 1-03

Pointe Scientific, Inc.

Instrument Application

Analyzer: Dimension
Test: Uric Acid
Catalog # : U7580, U7581

OPEN CHANNEL ENTRY SCREEN:

URIC ACID									
Channel: **				Name: UA					
Kinetics: ENDPOINT		Mode: ABSORBANCE		Std. Curve: LINEAR					
Active Wavelength: 510nm				Reference Wavelength: 700nm					
Sample	Time	Volume	Chase	Mix					
	0.0	10 ul	10 ul	MODERATE					
Reagent	Time	Component1	Component2	Component3	Chase	Mix			
1.:	-60.0	370 ul							
2.:									
3.:									
Photo	Time	Weight	Well:	1	2	3	4	5	6
First:	-10 s	-1.0	Component:	A	A	A	A	A	A
Second:	360 s	+1.0	Aliquots:	10	10	10	10	10	10

Reconstitute product according to package insert instructions.
**Denotes user-defined parameter.
It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 1-03