**Instrument Application** 

Analyzer: Cobas Mira

Test: ASO

Catalog # : A7566

**GENERAL** 

Measurement Mode: Absorb Reaction Mode: R-S-SR1 Calibration Mode: LIN. INTER Reagent Blank: NO

Cleaner: NO (1) Wavelength: 340nm (1) **Decimal Position:** 

U/ML

Unit:

**ANALYSIS** 

Post Dil. Factor: No Post Conc. Factor: No

Sample Cycle: 1

Volume: 20.0 UL Diluent Name: H20 Volume: 10.0 UL

Reagent Cycle: 1

Volume: 250 UL

Start Reag. 1 Cycle: 10 Volume: 50 UL

Diluent Name: H20 Volume: 10 UL

**CALCULATION** 

Sample Limit: NO

Point:

Reac. Direction: Increase (1) Off

Check:

Convers. Factor: 1.00000 0.00000 Offset:

Test Range Low: 0 U/L Test Range High: 500 U/L Normal Range Low: \* U/ML

Normal Range High: \* U/ML

Number of Steps: 1

Calc. Step A: Endpoint (1)

Reading First: Reading Last: 25 Reaction Limit: Point:

**CALIBRATION** 

On Request (3) Calib Interval:

Blank

Reag. Range Low: NO Reag. Range High: NO Blank Range Low: NO Blank Range High: NO

Factor:

Standard Pos:

STD-1: 0.0 (a)

STD-2-6:

Replicate: Single

Deviation: NO

Control

\* Low: (User Defined) CS1 Pos

Assign: High:

CS2 Pos \* Low: (User Defined)

> Assign: High:

CS3 Pos: No

Use Saline as 0.0 std.

\* USER DEFINED

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry

Controls Cat.# C7590-50 & C7591-50.

Rev: 11-03

**Instrument Application** 

Analyzer: Cobas Mira

Test: β- Hydroxybutyrate

**Catalog # : H7587** 

Reagent preparation: Reagents provided as ready to use liquids.

<u>GENERAL</u>		<u>CALIBRATION</u>	
Measurement Mode:	Absorb	Calib Interval:	On Request (3)
Reaction Mode:	R-S -SR1	Blank	
Calibration Mode:	Slope Avg.	Reag. Range Low:	NO
Reagent Blank:	Reag/Dil (2)	Reag. Range High:	NO
Cleaner:	NO	Blank Range Low:	NO
Wavelength:	500nm	Blank Range High:	NO
Decimal Position:	2	Factor:	-
Unit:	mmol/L		
		a 1 1 5	.1.

Standard Pos: **ANALYSIS** STD-1:

Post Dil. Factor: STD-2: No Post Conc. Factor: No STD-3:

Sample Cycle: 1 Replicate: Single Volume: 3.0 uL Deviation: Diluent Name: H<sub>2</sub>O

Volume: 20.0 uL**Control** CS1 Pos \* Low: (User Defined) Reagent Cycle: 1 Assign:

Volume: High: 105 uL Start Reag. 1 Cycle: CS2 Pos

\* Low: (User Defined) Volume: 18 uL Assign: Diluent: H<sub>2</sub>O High:

Volume: 60.0 uL CS3 Pos: No

**CALCULATION** 

Sample Limit: NO

Point: Reac. Direction: Increase (2)

Check: On \* USER DEFINED Rev: 3-03

Convers. Factor: 1.00000 Offset: 0.00000

Test Range Low: Test Range High: 4.5 Normal Range Low: 0.02 Normal Range High: 0.27

Number of Steps: 1

Calc. Step A: Endpoint

Reading First: 1 Reading Last: 12 **Reaction Limit:** NO Point:

Calc. Step A:

Reading First:

Reading Last:

Point:

Reaction Limit:

**Instrument Application** 

Analyzer: Cobas Mira Test: Acid Phosphatase Catalog # : A7503

Add 8.5 ml deionized water to the 10.0 ml vials.

GENERAL Measurement Mode: Reaction Mode: Calibration Mode:	Absorb R-S (1) Factor (1)	CALIBRATIO Calib Interval: Blank Reag. Range Lo		On Request
Reagent Blank:	Reag/Dil	Reag. Range Hi		No
Cleaner:	Before (2)	Blank Range Lo		No
	201010 (2)	Blank Range H		No
Wavelength:	405nm	Diamit Italigo II	-6	110
Decimal Position:	1	Factor:		1421
Unit:	U/L			
		Standard Pos:		_
<u>ANALYSIS</u>		STD-1	:	=
Post Dil. Factor:	No	STD-2		
Post Conc. Factor:	No	STD-3		
		~		
Sample Cycle:	2	Replicate:		_
Volume:	20.0 UL	Deviation:		_
Diluent Name:	H2O			
Volume:	50.0 UL	<b>Control</b>		
		CS1 Pos	* Low:	(User Defined)
Reagent Cycle:	1		Assign	
Volume:	150 UL		High:	
Start Reag. 1 Cycle:	_	CS2 Pos		(User Defined)
Volume:	-		Assign	
Diluent:	-		High:	
		CS3 Pos:	υ	No
<b>CALCULATION</b>				
Sample Limit:	No			
Point:	-			
Reac. Direction:	Increase (1)	* USER DEFIN	NED	
Check:	On			
Convers. Factor:	1.00000	It is recommend	ded that tv	wo levels of control
Offset:	0.00000	material be assa	yed daily	. Reorder PSI Chemistry
Test Range Low:	0.0 U/L	Controls Cat.#	C7590-50	0 & C7591-50.
Test Range High:	35.0 U/L			
Normal Range Low:	0.0 U/L			
Normal Range High:	9.0 U/L			
Number of Steps:	1			

Rev. 1/03

Kinetic (2)

13

25

0.400

**Instrument Application** 

Analyzer: Cobas Mira

Test: Albumin Catalog # : A7502

Reagent provided ready to use.

**GENERAL** 

Measurement Mode: Absorb Reaction Mode: R-S (1)

Calibration Mode: Calibrator (2)
Reagent Blank: Reag/Dil (2)
Cleaner: No (1)
Wavelength: 600nm (5)

Decimal Position: 1

Unit:

G/DL (11)

1

**ANALYSIS** 

Post Dil. Factor: No Post Conc. Factor: No

Sample Cycle: 2
Volume: 2.0 UL
Diluent Name: H2O
Volume: 28.0 UL

Reagent Cycle:

Volume: 370 UL Start Reag. 1 Cycle: -

Volume: Diluent: -

**CALCULATION** 

Sample Limit: No Point: -

Reac. Direction: Increase (1) Check: On

Convers. Factor: 1.00000 Offset: 0.00000

Test Range Low: 0.0 G/DL
Test Range High: 6.0 G/DL
Normal Range Low: 3.5 G/DL
Normal Range High: 5.3 G/DL

Number of Steps: 1

Calc. Step A: Endpoint (1)

Reading First: CB
Reading Last: T2
Reaction Limit: Point: -

**CALIBRATION** 

Calib Interval: On Request (3)

Blank

Reag. Range Low: -0.050 Reag. Range High: 0.450 Blank Range Low: -0.010 Blank Range High: 0.375

Factor: -

Standard Pos: 1

STD-1: User Defined

STD-2: STD-3:

Replicate: Dupl (2) Deviation: 10%

Control

CS1 Pos \* Low: (User Defined)

Assign: High:

CS2 Pos \* Low: (User Defined)

Assign: High:

CS3 Pos: No

\* USER DEFINED

Chemistry Calibrator catalog #C7506-50 recommended for calibration.

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 1-03

**Instrument Application** 

Analyzer: Cobas Mira

Test: Alcohol

Catalog # : A7504

Prepare reagent according to package insert instructions.

**GENERAL** 

Measurement Mode:AbsorbReaction Mode:R-S (1)Calibration Mode:Std Lin or CalReagent Blank:Reag/Dil (2)Cleaner:AfterWavelength:340nm (1)Decimal Position:0Unit:mg/dl

**ANALYSIS** 

Post Dil. Factor: No Post Conc. Factor: No

Sample Cycle: 2
Volume: 10.0 UL
Diluent Name: H2O
Volume: 40.0 UL

Reagent Cycle: 1
Volume: 260 UL
Start Reag. 1 Cycle: Volume: -

Volume: Diluent: -

**CALCULATION** 

Sample Limit:

Point: -

Reac. Direction: Increase (1) Check: Off

Convers. Factor: 1.00000 Offset: 0.00000

Test Range Low: 0
Test Range High: 400
Normal Range Low: 0

Normal Range High: User Defined

Number of Steps: 1

Calc. Step A: Endpoint (1)

Reading First: 1
Reading Last: 17
Reaction Limit: No

**CALIBRATION** 

Calib Interval: Each Run

Blank

Reag. Range Low: No
Reag. Range High: 1.500
Blank Range Low: No
Blank Range High: 1.500
Factor: -

Standard Pos:

STD-1: User Defined

STD-2: STD-3:

Replicate: Dupl (2) Deviation: 10%

Control

CS1 Pos \* Low: (User Defined)

Assign: High:

CS2 Pos \* Low: (User Defined)

Assign: High:

CS3 Pos: No

Alcohol Standard A7504-STD recommended for calibration.

\* USER DEFINED

Rev: 1-03

It is recommended that two levels of control material be assayed daily. Reorder PSI

Controls Cat.# A7504-CTL.

**Instrument Application** 

Analyzer: Cobas Mira

Test: Alkaline Phosphatase (Liquid)

Catalog # : A7516

Single working reagent is prepared by mixing 4 parts R1 with 1 part R2.

Single working reagent is p	epared by mixing 4	parts it i with i part	KZ.	
GENERAL Measurement Mode: Reaction Mode: Calibration Mode: Reagent Blank: Cleaner: Wavelength: Decimal Position: Unit:	Absorb	<u>rt App.</u> SR1(3)	Reaction Limit: Point:  CALIBRATION Calib Interval: Blank Reag. Range Low: Reag. Range High: Blank Range Low: Blank Range High:	No - On Request (3) 0.1200 0.5000 -0.0050 0.0050
ANALYSIS Post Dil. Factor: Post Conc. Factor: No Sample Cycle: Volume: Diluent Name: Volume:	No 2 4.0 UL H2O 30.0 UL	2 4.0 H2O 20	Factor: Standard Pos: STD-1: STD-2: STD-3:	4521 - -
Reagent Cycle: Volume: Start Reag. 1 Cycle:	1 170 UL	1 135 1	Replicate: Deviation: Control	Dupl (2) 10%
Volume: Diluent Name: Volume: CALCULATION Sample Limit:	- - - No	35 H20 10.0	CS1 Pos CS2 Pos	* Low: (User Defined) Assign: High: * Low: (User Defined) Assign:
Point: Reac. Direction: Check:	Increase (1) Off		CS3 Pos:	High:
Convers. Factor: Offset:	1.00000 0.00000		*USER DEFINED  It is recommended that two	levels of control
Test Range Low: Test Range High: Normal Range Low:	0 U/L 1500 U/L 35 U/L		material be assayed daily. Controls Cat.# C7590-50 Rev. 1-03	Reorder PSI Chemistry
Normal Range High:  Number of Steps:	123 U/L 1		Rev. 1-05	
Calc. Step A: Reading First: Reading Last:	Kinsearch (3) 5 10			

**Instrument Application** 

Analyzer: Cobas Mira

Test: Alkaline Phosphatase

Catalog # : A7505

Add 12ml and 40ml to 15 and 50ml sized vials respectively. Swirl to dissolve.

**GENERAL** 

Measurement Mode: Absorb Reaction Mode: R-S (1) Calibration Mode: Factor (1) Reagent Blank: Reag/Dil (2) Cleaner: No (1)

Wavelength: 405nm (2)

**Decimal Position:** 

Unit: U/L (21)

**ANALYSIS** 

Post Dil. Factor: No Post Conc. Factor: No

Sample Cycle: Volume: 5.0 UL Diluent Name: H2O Volume: 30.0 UL

Reagent Cycle: 1 125 UL Volume: Start Reag. 1 Cycle:

Volume: Diluent:

**CALCULATION** 

Sample Limit: 0.3500 Point: T1

Reac. Direction: Increase (1) On

Check:

Convers. Factor: 1.00000 Offset: 0.00000

Test Range Low: 0 U/L Test Range High: 1500 U/L Normal Range Low: 35 U/L Normal Range High: 123 U/L

Number of Steps: 1

Calc. Step A: Kinsearch (3)

Reading First: Reading Last: 6 Reaction Limit: 0.530 Point: T1

**CALIBRATION** 

Calib Interval: On Request (3)

Blank

Reag. Range Low: 0.0500 Reag. Range High: 0.8000 Blank Range Low: -.0040 Blank Range High: 0.0080

Factor: 2844

Standard Pos:

STD-1:

STD-2:

STD-3:

Replicate: Dupl (2) Deviation: 10%

Control

\* Low: (User Defined) CS1 Pos

> Assign: High:

\* Low: (User Defined) CS2 Pos

Assign: High:

CS3 Pos: No

\* USER DEFINED

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 1-03

**Instrument Application** 

Analyzer: Cobas Mira Test: ALT (SGPT) Liquid Catalog # : A7526

Single working reagent is prepared by mixing 4 parts R1 with 1 part R2.

Reading Last:

Reaction Limit:

Point:

12

No

		-			
GENERAL Measurement Mode: Reaction Mode: Calibration Mode: Reagent Blank: Cleaner: Wavelength: Decimal Position:	Absorb R-S-(1) R-S Factor (1) Reag/Dil (2) Before (2) 340nm (1) 0	<u>t app.</u> -SR1 (3)	CALIBRATION Calib Interval: Blank Reag. Range Lo Reag. Range H Blank Range Lo Blank Range Hi Factor:	ow: 0.4200 igh: 2.0000 ow: -0.0050	On Request (3) 4788
Unit:  ANALYSIS  Post Dil. Factor:  Post Conc. Factor:	U/L (21) No No		Standard Pos: STD- STD-3 STD-3	2:	- -
Sample Cycle: Volume: Diluent Name: Volume:	2 12.0 UL H2O 25.0 UL	2 12.0 H2O 10.0	Replicate: Deviation: <u>Control</u> CS1 Pos	* I OW: (	Dupl (2) 10% User Defined)
Reagent Cycle: Volume: Start Reag. 1 Cycle: Volume: Diluent Name: Volume:	1 155 UL - - - -	1 125.0 1 30.0 H2O 15.0	CS2 Pos CS3 Pos:	Assign: High:	User Defined)
CALCULATION Sample Limit: Point:	No -		*USER DEFIN	ED	
Reac. Direction: Check: Convers. Factor:	Decrease (2) On 1.00000		material be assa	ayed daily. I	levels of control Reorder PSI Chemistry ) & C7591-50.
Offset: Test Range Low:	0.00000 0 U/L		Rev: 5/03		
Test Range High: Normal Range Low: Normal Range High: Number of Steps: Calc. Step A: Reading First:	600 U/L 4 U/L 36 U/L 1 Kinsearch (3) 6				

**Instrument Application** 

Analyzer: Cobas Mira

Test: ALT (SGPT Catalog # : A7525

Add 12ml and 40ml DiH2O to 15 and 50ml sized vials respectively. Swirl to dissolve.

**GENERAL** 

Measurement Mode: Absorb Reaction Mode: R-S (1) Calibration Mode: Factor (1) Reagent Blank: Reag/Dil (2) Cleaner: No (1) Wavelength: 340nm (1) **Decimal Position:** Unit: U/L (21)

**ANALYSIS** 

Post Dil. Factor: No Post Conc. Factor: No

Sample Cycle: 1 Volume: 13.0 UL Diluent Name: H20 Volume: 30.0 UL

Reagent Cycle: Volume: 125 UL Start Reag. 1 Cycle: Volume: Diluent:

CALCULATION

0.7000 Sample Limit: Point: T1

Reac. Direction: Decrease (2) Check: On

Convers. Factor: 1.00000 Offset:

0.00000

Test Range Low: 0 U/L Test Range High: 500 U/L Normal Range Low: 0 U/L Normal Range High: 38 U/L

Number of Steps: 1

Kinsearch (3) Calc. Step A:

Reading First: Reading Last: 11 **Reaction Limit:** .1450 Point: T1

**CALIBRATION** 

Calib Interval: On Request (3) Blank

Reag. Range Low: 0.5400 Reag. Range High: 1.6000 Blank Range Low: -0.0040Blank Range High: 0.0040 Factor: 3463

Standard Pos:

STD-1: STD-2: STD-3:

Replicate: Dupl (2) Deviation: 10%

Control

CS1 Pos \* Low: (User Defined)

> Assign: High:

\* Low: (User Defined) CS2 Pos

> Assign: High:

CS3 Pos: No

\* USER DEFINED

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Rev. 1-03

Instrument Application

Analyzer: Cobas Mira

Test: Ammonia
Catalog # : A7553

Add 5mls ammonia free DH2O to the 6.5ml substrate rgt. (R1) Add 2mls of ammonia free DH2O to the enzyme reagent vial. (SR1)

**GENERAL** 

Measurement Mode: Absorb
Reaction Mode: R-S-SR1
Calibration Mode: Std. Lin.
Reagent Blank: Reag/Dil
Cleaner: No
Wavelength: 340nm
Decimal Position: 0

Unit: umol/L (ug/dl)

**ANALYSIS** 

Post Dil. Factor: No Post Conc. Factor: No

Sample Cycle: 1
Volume: 40.0 UL
Diluent Name: H2O
Volume: 50.0 UL

Reagent Cycle: 1
Volume: 150 UL
Start Reag. 1 Cycle: 10
Volume: 8.0 UL
Diluent Name: H2O
Volume: 4.0 UL

**CALCULATION** 

Sample Limit: No Point: -

Reac. Direction: Decrease Check: On

Convers. Factor: 1.00000 Offset: 0.00000

Test Range Low: 0 U/L
Test Range High: 600 U/L
Normal Range Low: \*
Normal Range High: \*

Number of Steps: 1 Calc. Step A: Endpoint (1)

Reading First: 9
Reading Last: 21
Reaction Limit: Point: -

**CALIBRATION** 

Calib Interval: On Request (3)

Blank

Reag. Range Low: No Reag. Range High: No Blank Range Low: No Blank Range High: No

Factor:

Standard Pos:

STD-1: User Defined

STD-2: STD-3:

Replicate: Dupl (2) Deviation: 10%

Control

CS1 Pos \* Low: (User Defined)

Assign: High:

CS2 Pos \* Low: (User Defined)

Assign: High:

CS3 Pos: No

\* USER DEFINED

It is recommended that two levels of control material be assayed daily. Reorder PSI

Controls Cat.# A7504-CTL

Rev: 2/03

**Instrument Application** 

Analyzer: Cobas Mira

Test: Amylase Catalog # : A7564

Reagent provided as a ready to use liquid.

**GENERAL** 

Measurement Mode: Absorb
Reaction Mode: R-S (1)
Calibration Mode: Factor (1)
Reagent Blank: Reag/Dil (2)
Cleaner: No (1)
Wavelength: 405 nm (2)
Decimal Position: 0

U/L (21)

**ANALYSIS** 

Unit:

Post Dil. Factor: No Post Conc. Factor: No

Sample Cycle: 1
Volume: 3.0 UL
Diluent Name: H2O
Volume: 30.0 UL

Reagent Cycle: 1
Volume: 125 UL
Start Reag. 1 Cycle: Volume: Diluent: -

**CALCULATION** 

Sample Limit: 0.2500 Point: T1

Reac. Direction: Increase (1) Check: On

neck: O

Convers. Factor: 1.00000 Offset: 0.00000

Test Range Low: 0 U/L
Test Range High: 2000 U/L
Normal Range Low: 25 U/L
Normal Range High: 125 U/L

Number of Steps: 1

Calc. Step A: Kinsearch (3)

Reading First: 2
Reading Last: 6
Reaction Limit: NO
Point: -

**CALIBRATION** 

Calib Interval: On Request (3)

Blank

Reag. Range Low: 0.0070
Reag. Range High: 0.5400
Blank Range Low: -0.0060
Blank Range High: 0.0050
Factor: 6804

Standard Pos: -

STD-1: STD-2: STD-3:

Replicate: Dupl (2) Deviation: 10%

Control

CS1 Pos \* Low: (User Defined)

Assign: High:

CS2 Pos \* Low: (User Defined)

Assign: High:

CS3 Pos: No

\* USER DEFINED

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry

Controls Cat.# C7590-50 & C7591-50.

Rev: 2/02

**Instrument Application** 

Analyzer: Cobas Mira Test: Apolipoprotein A1 Catalog # : A7544

**GENERAL** 

Measurement Mode: Absorb
Reaction Mode: R-S-SR1
Calibration Mode: Std Nonlin

Reagent Blank: Reag/Dil (2)
Cleaner: No (1)
Wavelength: 340nm (1)

Decimal Position: 0

Unit: mg/dl (12)

<u>ANALYSIS</u>

Post Dil. Factor: No Post Conc. Factor: No

Sample Cycle: 1
Volume: 2.0 UL
Diluent Name: H2O
Volume: 10.0 UL

Reagent Cycle: 1
Volume: 300 UL
Start Reag. 1 Cycle: 2
Volume: 75 UL
Diluent: 10.0 UL

CALCULATION

Sample Limit: No Point: -

Reac. Direction: Increase (1) Check: ON

Convers. Factor: 1.00000
Offset: 0.00000

Test Range Low: 0.0 mg/dl
Test Range High: 200 mg/dl
Normal Range Low: User Defined
Normal Range High: User Defined

Number of Steps: 1

Point:

Calc. Step A: Endpoint (1)
Reading First: T1
Reading Last: 12
Reaction Limit: -

**CALIBRATION** 

Calib Interval: On Request (3)

Blank

Reag. Range Low: No Reag. Range High: No Blank Range Low: No Blank Range High: No Calibrator Cup Pos: 1

Cal-1: \*

Cal 2-6: User Defined

Replicate: Single Deviation: NO

**Control** 

CS1 Pos \* Low: (User Defined)

Assign: High:

CS2 Pos \* Low: (User Defined)

Assign: High:

CS3 Pos: No

Values exceeding the highest calibrator must be diluted with saline.

\* User defined. Saline should be used as the 0.0 standard

It is recommended that two levels of control material be assayed daily. Reorder PSI Lipid

Controls Cat.# L7580-18

Rev: 11-03

Reag/Dil (2)

340nm (1)

mg/dl (12)

No (1)

**Instrument Application** 

Analyzer: Cobas Mira Test: Apolipoprotein B Catalog # : A7588

**GENERAL** 

Measurement Mode: Absorb
Reaction Mode: R-S-SR1
Calibration Mode: Std Nonlin

Reagent Blank: Cleaner: Wavelength:

Decimal Position:

Unit:

<u>ANALYSIS</u>

Post Dil. Factor: No Post Conc. Factor: No

Sample Cycle: 1
Volume: 3.0 UL
Diluent Name: H2O
Volume: 10.0 UL

Reagent Cycle: 1
Volume: 300 UL
Start Reag. 1 Cycle: 2
Volume: 75 UL
Diluent: 10.0 UL

**CALCULATION** 

Sample Limit: No Point: -

Reac. Direction: Increase (1)

Check: On

Convers. Factor: 1.00000 Offset: 0.00000

Test Range Low: 0.0 mg/dl
Test Range High: 200 mg/dl
Normal Range Low: User Defined
Normal Range High: User Defined

Number of Steps: 1

Calc. Step A: Endpoint (1)
Reading First: T1
Reading Last: 14
Reaction Limit: Point: -

**CALIBRATION** 

Calib Interval: On Request (3)

Blank

Reag. Range Low: No Reag. Range High: No Blank Range Low: No Blank Range High: No

Calibrator Cup Pos:1 Cal-1:

Cal 2-6: User Defined

Replicate: Single Deviation: NO

Control

CS1 Pos \* Low: (User Defined)

Assign: High:

CS2 Pos \* Low: (User Defined)

Assign: High:

CS3 Pos: No

Values exceeding the highest calibrator must be diluted with saline.

\* User defined. Saline should be used as the 0.0 standard.

It is recommended that two levels of control material be assayed daily. Reorder PSI Lipid

Controls Cat.# L7580-18

Rev. 11-03

**Instrument Application** 

Analyzer: Cobas Mira

Test: ASO

Catalog # : A7566

**GENERAL** 

Measurement Mode: Absorb Reaction Mode: R-S-SR1 Calibration Mode: LIN. INTER Reagent Blank: NO Cleaner: NO (1)

Wavelength: 340nm (1) **Decimal Position:** Unit: U/ML

**ANALYSIS** 

Post Dil. Factor: No Post Conc. Factor: No

Sample Cycle: 1 Volume: 20.0 UL Diluent Name: H20

Volume: 10.0 UL

Reagent Cycle: 1

Volume: 250 UL Start Reag. 1 Cycle: 10

Volume: 50 UL Diluent Name: H20 Volume: 10 UL

**CALCULATION** 

Sample Limit: NO

Point:

Reac. Direction: Increase (1) Check: Off

Convers. Factor: 1.00000 0.00000 Offset:

Test Range Low: 0 U/L Test Range High: 500 U/L Normal Range Low: \* U/ML

Normal Range High: \* U/ML

Number of Steps: 1

Calc. Step A: Endpoint (1)

Reading First: Reading Last: 25 Reaction Limit: Point:

**CALIBRATION** 

On Request (3) Calib Interval:

Blank

Reag. Range Low: NO Reag. Range High: NO Blank Range Low: NO Blank Range High: NO

Factor:

Standard Pos:

STD-1: 0.0 (a)

STD-2-6:

Replicate: Single

Deviation: NO

Control

\* Low: (User Defined) CS1 Pos

Assign: High:

CS2 Pos \* Low: (User Defined)

> Assign: High:

No

CS3 Pos:

Use Saline as 0.0 std.

\* USER DEFINED

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry

Controls Cat.# C7590-50 & C7591-50.

Rev: 11-03

Instrument Application

Analyzer: Cobas Mira Test: AST (SGOT) Liquid Catalog # : A7561

Single working reagent is pr		ng 4 parts R1 v <u>2Part app.</u>	vith 1 part R2.		
GENERAL Measurement Mode: Reaction Mode: Calibration Mode: Reagent Blank: Cleaner:	Absorb	2- art app. R-S-SR1 (3)	CALIBRATION Calib Interval: Blank Reag. Range Low Reag. Range High Blank Range Low: Blank Range High	1:	On Request (3)  0.4200 2.0000 -0.0050 0.0050
Wavelength: Decimal Position: Unit:	340nm (1) 0 U/L (21)		Factor:		4788
ANALYSIS Post Dil. Factor: Post Conc. Factor:	No No		Standard Pos: STD-1: STD-2: STD-3:		-
Sample Cycle: Volume: Diluent Name:	2 12.0 UL H2O	2 12.0 UL H2O	Replicate: Deviation:		-
Volume: Reagent Cycle: Volume: Start Reag 1 Cycle:	25.0 UL 1 155 UL	10.0 UL 1 125 UL 1	CS1 Pos  CS2 Pos	* Low: Assign: High: * Low:	(User Defined) (User Defined)
Volume: Diluent Name: Diluent:	- - -	30.0 UL H2O 15.0 UL	High: CS3 Pos:	Assign: No	
CALCULATION Sample Limit:	No		* USER DEFINED		
Point: Reac. Direction: Check:	Decrease (2) On			yed daily.	wo levels of control Reorder PSI Chemistry & C7591-50.
Convers. Factor: Offset:	1.00000 0.00000		Rev. 5-03		
Test Range Low: Test Range High: Normal Range Low: Normal Range High:	0 U/L 600 U/L 5 U/L 34 U/L				
Number of Steps:	1				
Calc. Step A: Reading First: Reading Last: Reaction Limit:	Kinetic 6 12 No				

Point:

**Instrument Application** 

Analyzer: Cobas Mira Test: AST (SGOT) Catalog # : A7560

Add 12ml and 40ml to 15 and 50ml sized vials respectively. Swirl to dissolve.

G	Ł	V	Ł	K	<u> </u>	L

Absorb Measurement Mode: Reaction Mode: R-S (1) Calibration Mode: Factor (1) Reag/Dil (2) Reagent Blank: Cleaner: No (1)

340nm (1) Wavelength: Decimal Position:

Unit: U/L (21)

**ANALYSIS** 

Post Dil. Factor: No Post Conc. Factor: No

Sample Cycle: 1 Volume: 13 UL Diluent Name: H20 Volume: 30 UL

Reagent Cycle: 125 UL Volume:

CALCULATION

0.7000 Sample Limit: Point: T1

Reac. Direction: Decrease (2) Check: On

Convers. Factor: 1.00000 Offset: 0.00000

Test Range Low: 0 U/L Test Range High: 500 U/L Normal Range Low: 0 U/L Normal Range High:

Number of Steps: 1

Calc. Step A: Kinsearch (3)

40 U/L

Reading First: Reading Last: 11 Reaction Limit: .1450 Point: T1

**CALIBRATION** 

On Request (3) Calib Interval:

Blank

Reag. Range Low: 0.5400 Reag. Range High: 1.6000 Blank Range Low: -0.0040 Blank Range High: 0.0040

Factor: 3463

Standard Pos:

STD-1: STD-2: STD-3:

Replicate: Deviation:

Control

\* Low: (User Defined) CS1 Pos

Assign:

High:

\* Low: CS2 Pos (User Defined)

Assign:

High:

CS3 Pos: No

\* USER DEFINED

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

**Instrument Application** 

Analyzer: Cobas Mira

Test: auto HDL Catalog # : H7545

Reagents are supplied ready to use.

**GENERAL** 

Measurement Mode: Absorb R-S-SR1 Reaction Mode: Calibration Mode: Slope Avg. (2) Reagent Blank: Reag/Dil (2)

Cleaner: No

Wavelength: 600nm (5)

Decimal Position: mg/dl

Unit:

**ANALYSIS** 

Post Dil. Factor: No Post Conc. Factor: No

Sample Cycle: 1 Volume: 3.0 U/L Diluent Name: H20 10.0 UL Volume:

Reagent Cycle: 1

Volume: 240 UL

Start Reag 1 Cycle: 12 Volume: 80.0 UL Diluent Name: H20

5.0 UL Diluent:

**CALCULATION** 

Sample Limit: No Point:

Reac. Direction: Increase (1)

Check: Off

Convers. Factor: 1.00000 Offset: 0.00000

Test Range Low: No Test Range High: No Normal Range Low: 30 mg/dl

Normal Range High: 85 mg/dl

Number of Steps:

Endpoint (1) Calc. Step A:

Reading First: 11 Reading Last: 24 Reaction Limit: Point:

**CALIBRATION** 

On Request (3) Calib Interval:

Blank

Reag. Range Low: No Reag. Range High: No Blank Range Low: No Blank Range High: No

Factor:

Standard Pos:

User Defined STD-1:

STD-2: STD-3:

Replicate: Dupl (2)

Deviation: No

Control

(User Defined) CS1 Pos \* Low:

Assign:

High:

CS2 Pos \*Low: (User Defined)

> Assign: High:

CS3 Pos: No

autoHDL/LDL calibrator recommended for calibration

Catalog# H7545-CAL

\* USER DEFINED

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry

Controls Cat.# C7590-50 & C7591-50.

Rev: 10/02

**Instrument Application** 

Analyzer: Cobas Mira

Test: auto LDL Catalog # : L7574

**GENERAL** 

Measurement Mode: Absorb
Reaction Mode: R-S-SR1
Calibration Mode: Slope Avg. (2)
Reagent Blank: Reag/Dil (2)
Cleaner: No (1)

Wavelength: 550nm (4)

Decimal Position: 0 Unit: mg/dl

**ANALYSIS** 

Post Dil. Factor: No Post Conc. Factor: No

Sample Cycle: 1
Volume: 2.4 UL
Diluent Name: H2O
Volume: 10 UL

Reagent Cycle: 1
Volume: 240 UL
Start Reag 1 Cycle: 12
Volume: 80.0 UL
Diluent Name: H2O

**CALCULATION** 

Diluent:

Sample Limit: No Point: -

Reac. Direction: Increase (1)

5.0 UL

Check:

Convers. Factor: 1.00000
Offset: 0.00000
Test Range Low: 0

Test Range High: 700
Normal Range Low: 20 mg/dl
Normal Range High: 130 mg/dl

Number of Steps:

Calc. Step A: Endpoint (1)

Reading First: 11
Reading Last: 24
Reaction Limit: Point: -

**CALIBRATION** 

Calib Interval: On Request (3)

Blank

Reag. Range Low: -0.100
Reag. Range High: 2.000
Blank Range Low: -0.1000
Blank Range High: 1.5000

Factor: -

Standard Pos: 1

STD-1: User Defined

STD-2: STD-3:

Replicate: Dupl (2) Deviation: 10%

Control

CS1 Pos \* Low: (User Defined)

Assign:

High:

CS2 Pos \* Low: (User Defined)

Assign:

High:

CS3 Pos: No

Enter calibrator value. AutoHDL/LDL calibrator catalog# H7545-CAL is recommended for calibration.

\* USER DEFINED

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

**Instrument Application** 

Analyzer: Cobas Mira Test: Bilirubin, Direct Catalog # : B7538

Reagents are ready to use. NOTE: This is a two (2) reagent system used on (rack3). Direct Bilirubin reagent is placed in the larger container. Nitrite reagent in the smaller.

GENERAL Measurement Mode: Reaction Mode:	Absorb R-S-SR1 (3)	CALIBRATION Calib Interval: Blank		On Request (3)
Calibration Mode: Reagent Blank:	Calibrator (2) Reag/Dil (2)	Reag. Range Low: Reag. Range High	:	No No
Cleaner:	Before (2)	Blank Range Low: Blank Range High:		No No
Wavelength:	550nm (4)			
Decimal Position: Unit:	1 mg/dl (12)	Factor:		-
	-	Standard Pos:		User Defined
<u>ANALYSIS</u>		STD-1:		User Defined
Post Dil. Factor:	No	STD-2:		
Post Conc. Factor:	No	STD-3:		
Sample Cycle:	1	Replicate:		Dupl (2)
Volume: Diluent Name:	30.0 UL H2O	Deviation:		10%
Volume:	50.0 UL	Control		
		CS1 Pos	* Low:	(User Defined)
Reagent Cycle:	1		Assign:	
Volume:	300 UL		High:	
Start Reag 1 Cycle:	2	CS2 Pos	* Low:	(User Defined)
Volume:	4.0 UL		Assign:	
Diluent Name:	H2O	000 D	High:	
Diluent:	20.0 UL	CS3 Pos:	No	

#### **CALCULATION**

Sample Limit:	No	Chemistry Calibrator catalog #C7506-50 recommended for calibration.
Point:	-	

Reac. Direction: Increase (1) \* USE

Check: On

Convers. Factor: 1.00000
Offset: 0.00000

Test Range Low: 0.0 mg/dl
Test Range High: 20.0 mg/dl
Normal Range Low: 0.0 mg/dl
Normal Range High: 0.5 mg/dl

Number of Steps: 1

Calc. Step A: Endpoint (1)

Reading First: 2 Reading Last: 8 \* USER DEFINED

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50

**Instrument Application** 

Analyzer: Cobas Mira Test: Bilirubin, Total Catalog # : B7576

Prepare reagent according to package insert instructions.

**GENERAL** 

Measurement Mode: Absorb Reaction Mode: R-S

Calibration Mode: Calibrator (2)
Reagent Blank: Reag/Dil (2)
Cleaner: Before (2)

Wavelength: 550nm (4)

Decimal Position: 1

Unit: mg/dl (12)

**ANALYSIS** 

Post Dil. Factor: No Post Conc. Factor:

Sample Cycle: 2
Volume: 7.0 UL
Diluent Name: H2O
Volume: 10.0 UL

Reagent Cycle: 1
Volume: 175 UL
Start Reag 1 Cycle: -

Volume: - Diluent: -

CALCULATION

Sample Limit: No

Point: - Increase (1)

Check: On

Convers. Factor: 1.00000
Offset: 0.00000

Test Range Low: 0.0 mg/dl
Test Range High: 20.0 mg/dl
Normal Range Low: 0.2 mg/dl
Normal Range High: 1.2 mg/dl

Number of Steps: 1

Calc. Step A: Endpoint (1)

Reading First: T1 Reading Last: 13 **CALIBRATION** 

Calib Interval: On Request (3)

Blank

Reag. Range Low: -0.0800
Reag. Range High: 0.1500
Blank Range Low: -0.0500
Blank Range High: 0.0500

Factor:

Standard Pos: 1

STD-1: User Defined

STD-2: STD-3:

Replicate: Dupl (2) Deviation: 10%

Control

CS1 Pos \* Low: (User Defined)

Assign:

High:

CS2 Pos \* Low: (User Defined)

Assign:

High:

CS3 Pos: No

Chemistry Calibrator catalog #C7506-50 recommended for calibration.

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry

Controls Cat.# C7590-50 & C7591-50

\* USER DEFINED

**Instrument Application** 

Analyzer: Cobas Mira

Test: BUN, Liquid Catalog # : B7552

Reagents are prepared by mixing 5 parts R1 with 1 part R2.

Absorb

R-S (1)

No (1)

Calibrator (2)

Reag/Dil (2)

340nm (1)

mg/dl (12)

**GENERAL** 

Measurement Mode: Reaction Mode:

Calibration Mode: Reagent Blank: Cleaner:

Wavelength: Decimal Position:

Unit:

**ANALYSIS** 

Post Dil. Factor: No Post Conc. Factor: No

Sample Cycle: 1
Volume: 3.0 UL
Diluent Name: H2O
Volume: 10.0 UL

Reagent Cycle: 1

Volume: 300 UL Start Reag. 1 Cycle: -

Volume: -Diluent: -

**CALCULATION** 

Sample Limit: No Point: -

Reac. Direction: Decrease (2)

Check: On

Convers. Factor: 1.00000
Offset: 0.00000

Test Range Low: 0.0 mg/dl
Test Range High: 140.0 mg/dl
Normal Range Low: 7.0 mg/dl
Normal Range High: 18.0 mg/dl

Number of Steps: 1

Calc. Step A: Kinetic (2) Reading First: 2

Reading Last: 6
Reaction Limit: No
Point: -

**CALIBRATION** 

Calib Interval: On Request (3)

Blank

Reag. Range Low: 0.5000
Reag. Range High: 1.8000
Blank Range Low: -0.0100
Blank Range High: 0.0100

Factor: -

Standard Pos: 1

STD-1: User Defined

STD-2: STD-3:

Replicate: Dupl (2) Deviation: 10%

Control

CS1 Pos \* Low: (User Defined)

Assign:

High:

CS2 Pos \* Low: (User Defined)

Assign: High:

CS3 Pos: No

Chemistry Calibrator catalog #C7506-50 recommended

for calibration.

\* USER DEFINED

It is recommended that two levels of control

material be assayed daily. Reorder PSI Chemistry

Controls Cat.# C7590-50 & C7591-50

Rev. 10-03

**Instrument Application** 

Analyzer: Cobas Mira

Test: BUN

Catalog # : B7550

Add 12ml DiH2O to 15ml sized vials. Add 40ml to 50ml sized vials.

mg/dl (12)

**GENERAL** 

Measurement Mode: Absorb R-S (1) Reaction Mode: Calibration Mode: Calibrator (2) Reagent Blank: Reag/Dil (2) Cleaner: No (1)

Wavelength:

340nm (1) **Decimal Position:** 

Unit:

**ANALYSIS** 

Post Dil. Factor: No Post Conc. Factor: No

Sample Cycle: 1 Volume: 3.0 UL Diluent Name: H20 Volume: 60.0 UL

Reagent Cycle:

Volume: 300 UL Start Reag. 1 Cycle:

Volume: Diluent:

CALCULATION

Sample Limit: 0.2000 Point:

Reac. Direction: Decrease (2) On

Check:

Convers. Factor: 1.00000 Offset: 0.00000

Test Range Low: 0.0 U/L Test Range High: 80.0 U/L Normal Range Low: 7.0 U/L Normal Range High: 18.0 U/L

Number of Steps: 1

Calc. Step A: Kinetic (2)

Reading First: 2 Reading Last: 6 Reaction Limit: No Point:

**CALIBRATION** 

Calib Interval: On Request (3)

Blank

Reag. Range Low: 0.6000 Reag. Range High: 1.8000 Blank Range Low: -0.0100 Blank Range High: 0.0100

Factor:

Standard Pos:

User Defined STD-1:

STD-2: STD-3:

Replicate: Dupl (2) Deviation: 10%

Control

\* Low: CS1 Pos (User Defined)

Assign:

High:

\* Low: (User Defined) CS2 Pos

> Assign: High:

CS3 Pos: No

Chemistry Calibrator catalog #C7506-50 recommended

for calibration.

\* USER DEFINED

It is recommended that two levels of control

material be assayed daily. Reorder PSI Chemistry

Controls Cat.# C7590-50 & C7591-50

Rev. 10-03

**Instrument Application** 

Analyzer: Cobas Mira Test: Calcium (AZIII) Catalog # : C7529

Reagents are ready to use.

**GENERAL** 

Measurement Mode:AbsorbReaction Mode:R-S (1)Calibration Mode:Calibrator (2)Reagent Blank:Reag/Dil (2)Cleaner:Before (2)

Wavelength: 600nm (5) Decimal Position: 1

Unit: mg/dl (12)

**ANALYSIS** 

Post Dil. Factor: No Post Conc. Factor: No

Sample Cycle: 2
Volume: 3.0 UL
Diluent Name: H2O
Volume: 50.0 UL

Reagent Cycle: 1
Volume: 320 UL
Start rReag. 1 Cycle: Volume: -

Volume: Diluent: -

**CALCULATION** 

Sample Limit: No Point: -

Reac. Direction: Increase (1) Check: On

Convers. Factor: 1.00000 Offset: 0.00000

Test Range Low: 0.0 mg/dl
Test Range High: 15.0 mg/dl
Normal Range Low: 8.5 mg/dl
Normal Range High: 10.4 mg/dl

Number of Steps: 1

Calc. Step A: Endpoint (1)

Reading First: 1
Reading Last: 5
Reaction Limit: Point: -

**CALIBRATION** 

Calib Interval: On Request (3)

Blank

Reag. Range Low: No
Reag. Range High: 2.000
Blank Range Low: No
Blank Range High: 2.000

Factor: -

Standard Pos: 1

STD-1: User Defined

STD-2: STD-3:

Replicate: Dupl (2) Deviation: 10%

Control

CS1 Pos \* Low: (User Defined)

Assign:

High:

CS2 Pos \* Low: (User Defined)

Assign:

High:

CS3 Pos: No

Chemistry Calibrator catalog #C7506-50

recommended for calibration.

\* USER DEFINED

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry

Controls Cat.# C7590-50 & C7591-50

**Instrument Application** 

Analyzer: Cobas Mira Test: Calcium (Dry) Catalog # : C7508

Add volume DiH2O indicated on vial label. Swirl to dissolve.

GENERAL	G	E	N	E	R	A	L
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Measurement Mode: Absorb R-S (1) Reaction Mode: Calibration Mode: Calibrator (2) Reagent Blank: Reag/Dil (2) Before (2) Cleaner:

Wavelength: 550nm (4) **Decimal Position:** 

Unit: mg/dl (12)

#### **ANALYSIS**

Post Dil. Factor: No Post Conc. Factor: No

Sample Cycle: 2 Volume: 10 UL Diluent Name: H20 Volume: 10 UL

Reagent Cycle:

Volume: 360 UL

Start Reag. 1 Cycle: Volume: Diluent:

CALCULATION

Sample Limit: No Point:

Reac. Direction: Increase (1)

Check: On

Convers. Factor: 1.00000 Offset: 0.00000 Test Range Low: 0.0 mg/dl Test Range High: 20.0 mg/dl Normal Range Low: 8.5 mg/dl Normal Range High: 10.4 mg/dl

Number of Steps: 1

Calc. Step A: Endpoint (1)

Reading First: Reading Last: 5 Reaction Limit: Point:

#### **CALIBRATION**

Calib Interval: On Request (3)

Blank

Reag. Range Low: -0.0500 Reag. Range High: 0.5000 Blank Range Low: -0.0800 Blank Range High: 0.1000

Factor:

Standard Pos:

**User Defined** STD-1:

STD-2: STD-3:

Replicate: Dupl (2) Deviation: 10%

Control

CS1 Pos \* Low: (User Defined)

Assign:

High:

\* Low: (User Defined) CS2 Pos

> Assign: High:

CS3 Pos: No

Chemistry Calibrator catalog #C7506-50 recommended for calibration.

\* USER DEFINED

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry

Controls Cat.# C7590-50 & C7591-50

**Instrument Application** 

Analyzer: Cobas Mira

Test: Calcium

Catalog # : C7503

Prepare reagent as stated in package insert instructions.

Absorb

R-S (1)

Calibrator (2)

Reag/Dil (2)

mg/dl (12)

**GENERAL** 

Measurement Mode: Reaction Mode: Calibration Mode: Reagent Blank:

Cleaner: Before (2)
Wavelength: 550nm (4)
Decimal Position: 1

ANALYSIS

Unit:

Post Dil. Factor: No Post Conc. Factor: No

Sample Cycle: 2
Volume: 10 UL
Diluent Name: H2O
Volume: 10 UL

Reagent Cycle: 1
Volume: 360 UL
Start Reag. 1 Cycle: -

Volume: Diluent:

**CALCULATION** 

Sample Limit: No Point: -

Reac. Direction: Increase (1) Check: On

Convers. Factor: 1.00000 Offset: 0.00000

Test Range Low: 0.0 mg/dl
Test Range High: 20.0 mg/dl
Normal Range Low: 8.5 mg/dl
Normal Range High: 10.4 mg/dl

Number of Steps: 1

Calc. Step A: Endpoint (1)

Reading First: 1
Reading Last: 5
Reaction Limit: Point: -

**CALIBRATION** 

Calib Interval: On Request (3)

Blank

Reag. Range Low: -0.0500
Reag. Range High: 0.5000
Blank Range Low: -0.0800
Blank Range High: 0.1000

Factor: -

Standard Pos: 1

STD-1: User Defined

STD-2: STD-3:

Replicate: Dupl (2) Deviation: 10%

Control

CS1 Pos \* Low: (User Defined)

Assign:

High:

CS2 Pos \* Low: (User Defined)

Assign: High:

CS3 Pos: No

Chemistry Calibrator catalog #C7506-50 recommended for calibration.

\* USER DEFINED

It is recommended that two levels of contro material be assayed daily. Reorder PSI Chemistry

Controls Cat.# C7590-50 & C7591-50

Rev. 2-03

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**Instrument Application** 

Analyzer: Cobas Mira Test: Carbon Dioxide Catalog # : C7504

Add 10.0ml diluent to the 11ml sized vial. Swirl to dissolve.

G	Ε	N	Ε	R	41	

Measurement Mode: Absorb
Reaction Mode: R-S (1)
Calibration Mode: Calibrator (2)
Reagent Blank: Reag/Dil (2)
Cleaner: Before (2)

Wavelength: 340nm (1) Decimal Position: 0

Unit: mmol/l

**ANALYSIS** 

Post Dil. Factor: No Post Conc. Factor: No

Sample Cycle: 2
Volume: 2.0 UL
Diluent Name: H2O
Volume: 10.0 UL

Reagent Cycle: 1

Volume: 300 UL Start Reag. 1 Cycle: -

Volume: Diluent: -

**CALCULATION** 

Sample Limit: No Point: -

Reac. Direction: Decrease (2)

Check: On

Convers. Factor: 1.00000 Offset: 0.00000

Test Range Low: 0 mmol/l
Test Range High: 40 mmol/l
Normal Range Low: 23 mmol/l
Normal Range High: 34 mmol/l

Number of Steps: 1

Calc. Step A: Endpoit (1)

Reading First: 2
Reading Last: 4
Reaction Limit: Point: -

**CALIBRATION** 

Calib Interval: On Request (3)

Blank

Reag. Range Low: No
Reag. Range High: No
Blank Range Low: No
Blank Range High: No

Factor: -

Standard Pos: 1

STD-1: User Defined

STD-2: STD-3:

Replicate: Dupl (2) Deviation: 10%

**Control** 

CS1 Pos \* Low: (User Defined)

Assign:

High:

CS2 Pos \* Low: (User Defined)

Assign: High:

High:

CS3 Pos: No

Chemistry Calibrator catalog #C7506-50

recommended for calibration

\* USER DEFINED

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry

Controls Cat.# C7590-50 & C7591-50

**Instrument Application** 

Analyzer: Cobas Mira

Test: Chloride Catalog # : C7501

Reagents are ready to use.

**GENERAL** 

Measurement Mode: Absorb Reaction Mode: R-S (1) Calibration Mode: Calibrator (2)

Reagent Blank: Cleaner:

Wavelength:

Decimal Position:

Unit:

500nm (3)

mEq/L (30)

Reag/Dil (2)

Before (2)

**ANALYSIS** 

Post Dil. Factor: No Post Conc. Factor: No

Sample Cycle: 2 3.0 UL Volume: Diluent Name: H20 Volume: 10.0 UL

Reagent Cycle: 1 Volume: 300 UL Start Reag. 1 Cycle:

Volume: Diluent:

**CALCULATION** 

Sample Limit: No Point:

Reac. Direction: Increase (1) On

Check:

Convers. Factor: 1.00000 Offset: 0.00000

Test Range Low: 80 mmol/l Test Range High: 120 mmol/l Normal Range Low: 98 mmol/l Normal Range High: 106 mmol/l

Number of Steps: 1

Calc. Step A: Endpoint (1)

Reading First: Reading Last: 5 Reaction Limit: Point:

**CALIBRATION** 

Calib Interval: On Request (3)

Blank

Reag. Range Low: -0.1000 Reag. Range High: 0.2500 Blank Range Low: -0.0900 Blank Range High: 0.1000

Factor:

Standard Pos:

STD-1: User Defined

STD-2: STD-3:

Replicate: Dupl (2) Deviation: 10%

Control

CS1 Pos \* Low: (User Defined)

Assign:

High:

CS2 Pos \* Low: (User Defined)

Assign:

High:

CS3 Pos: No

Chemistry Calibrator catalog #C7506-50 recommended for calibration.

\* USFR DFFINED

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry

Controls Cat.# C7590-50 & C7591-50.

Rev. 6-03

**Instrument Application** 

Analyzer: Cobas Mira Test: Cholesterol (Liquid)

Catalog # : C7510

Ready to use liquid.

**GENERAL** 

Reagent Blank:

Measurement Mode: Absorb Reaction Mode: R-S (1) Calibrator (2) Calibration Mode: Reag/Dil (2)

Cleaner: No (1)

500nm (3) Wavelength:

**Decimal Position:** Unit: mg/dl (12)

**ANALYSIS** 

Post Dil. Factor: No Post Conc. Factor: No

2 Sample Cycle: Volume: 3.0 UL Diluent Name: H20 Volume: 50.0 UL

Reagent Cycle: 1

Volume: 250 UL

Start Reag. 1 Cycle: Volume:

Diluent:

**CALCULATION** 

Sample Limit: 0.1000 Point: T1

Reac. Direction: Increase (1) On

Check:

Convers. Factor: 1.00000 Offset: 0.00000

Test Range Low: 0.0 mg/dl Test Range High: 500 mg/dl 120 mg/dl Normal Range Low: Normal Range High: 240 mg/dl

Number of Steps: 1

Calc. Step A: Endpoint (1)

Reading First: Reading Last: 13 Reaction Limit: Point:

**CALIBRATION** 

On Request (3) Calib Interval:

Blank

Reag. Range Low: -0.0700 Reag. Range High: 0.1300 Blank Range Low: -0.0500

Blank Range High: 0.0500

Factor:

Standard Pos:

STD-1: **User Defined** 

STD-2: STD-3:

Dupl (2) Replicate: Deviation: 10%

Control

\* Low: (User Defined) CS1 Pos

Assign:

High:

CS2 Pos \* Low: (User Defined)

Assign:

High:

CS3 Pos: No

Chemistry Calibrator catalog #C7506-50

recommended for calibration.

\* USER DEFINED

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry

Controls Cat.# C7590-50 & C7591-50.

**Instrument Application** 

Analyzer: Cobas Mira

Test: Cholesterol Catalog # : C7509

Add 40ml distilled water to 50ml vial. Swirl to dissolve.

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GE	IVI	H	KΑ	ч

Measurement Mode:AbsorbReaction Mode:R-S (1)Calibration Mode:Calibrator (2)Reagent Blank:Reag/Dil (2)Cleaner:No (1)

Wavelength: 500nm (3) Decimal Position: 0

Unit: mg/dl (12)

**ANALYSIS** 

Post Dil. Factor: No Post Conc. Factor: No

Sample Cycle: 1
Volume: 3.0 UL
Diluent Name: H2O
Volume: 50.0 UL

Reagent Cycle: 1

Volume: 165 UL Start Reag.1 Cycle: -

Volume: Diluent: -

CALCULATION

Sample Limit: 0.1000
Point: T1

Reac. Direction: Increase (1)

Check: On

Convers. Factor: 1.00000
Offset: 0.00000

Test Range Low: 0.0 mg/dl
Test Range High: 500 mg/dl
Normal Range Low: 120 mg/dl
Normal Range High: 240 mg/dl

Number of Steps: 1

Calc. Step A: Endpoint (1) Reading First: T1

Reading Last: 13
Reaction Limit: Point: -

**CALIBRATION** 

Calib Interval: On Request (3)

Blank

Reag. Range Low: -0.0700
Reag. Range High: 0.1300
Blank Range Low: -0.0500
Blank Range High: 0.0500

Factor: -

Standard Pos: 1

STD-1: User Defined

STD-2: STD-3:

Replicate: Dupl (2) Deviation: 10%

Control

CS1 Pos \* Low: (User Defined)

Assign:

High:

CS2 Pos \* Low: (User Defined)

Assign: High:

CS3 Pos: No

Chemistry Calibrator catalog #C7506-50

recommended for calibration.

\* USER DEFINED

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry

Controls Cat.# C7590-50 & C7591-50.

**Instrument Application** 

Analyzer: Cobas Mira Test: CPK, Liquid

Catalog # : C7522

Single working reagent is prepared by mixing 4 parts R1 with 1 part R2.

GENERAL			<b>CALIBRATION</b>		
Measurement Mode:	Absorb		Calib Interval:		On Request (3)
Reaction Mode:	R-S (1)	R-S-SR1	Blank		·
Calibration Mode:	Factor (1)		Reag. Range Low:		0.0500
Reagent Blank:	Reag/Dil (2)		Reag. Range High	:	0.7000
Cleaner:	No (1)		Blank Range Low:		-0.0900
			Blank Range High	:	0.080.0
Wavelength:	340nm (1)				
Decimal Position:	0		Factor:		9914
Unit:	U/L (21)				
			Standard Pos:		-
<u>ANALYSIS</u>			STD-1:		-
Post Dil. Factor:	No		STD-2:		
Post Conc. Factor:	No		STD-3:		
Sample Cycle:	1	2	Replicate:		-
Volume:	5.0 UL	5.0 UL	Deviation:		-
Diluent Name:	H2O	H2O			
Volume:	30.0 UL	15.0 UL	<u>Control</u>		
			CS1 Pos	* Low:	* (User Defined)
Reagent Cycle:	1	1		Assign:	
Volume:	150 UL	120 UL		High:	
Start Reag. 1 Cycle		1	CS2 Pos	* Low:	* (User Defined)
Volume:		30.0 UL		Assign:	
Diluent Name:		H2O		High:	
Diluent:		15.0 UL	CS3 Pos:	No	

**CALCULATION** 

Sample Limit: NO Point: -

Reac. Direction: Increase (1)

Check: On

Convers. Factor: 1.00000 Offset: 0.00000

Test Range Low: 0 U/L
Test Range High: 2000 U/L
Normal Range Low: 25 U/L
Normal Range High: 192 U/L

Number of Steps:

Calc. Step A: Kinsearch (3)

1

Reading First: 5
Reading Last: 12
Reaction Limit: NO
Point: -

\*USER DEFINED

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

**Instrument Application** 

Analyzer: Cobas Mira

Test: CPK

Catalog # : C7512

Add 5ml, 12ml and 40ml to 6.5, 15 and 50ml sized vials respectfully. Swirl to dissolve.

GENERAL CALIBRATION

Measurement Mode: Absorb Calib Interval: On Request (3) Reaction Mode: R-S (1) Blank

Calibration Mode: Factor (1) Reag. Range Low: 0.0500

Reagent Blank: Reag/Dil (2) Reag. Range High: 0.7000 Cleaner: No (1) Blank Range Low: -0.0900 Blank Range High: 0.0800

Wavelength: 340nm (1)

Decimal Position: 0 Factor: 8574

Unit: U/L (21)
Standard Pos: -

ANALYSIS STD-1: Post Dil. Factor: No STD-2:

Post Conc. Factor: No STD-3:

Sample Cycle: 1 Replicate: Volume: 5.0 UL Deviation: -

Diluent Name: H2O
Volume: 30.0 UL

Control
CS1 Pos \* Low: (User Defined)

Reagent Cycle: 1 Assign: Volume: 125 UL High:

Start Reag. 1 Cycle: - CS2 Pos \* Low: (User Defined)
Volume: - Assign:

Diluent: - Assign

CS3 Pos: No CALCULATION

Sample Limit: 0.5000
Point: T1 \* USER DEFINED
Reac. Direction: Increase (1)

Check: On It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry

Convers. Factor: 1.00000 Controls Cat.# C7590-50 & C7591-50. Offset: 0.00000

Rev. 2-03

Test Range Low: 0 U/L
Test Range High: 2000 U/L
Normal Range Low: 25 U/L
Normal Range High: 192 U/L

Number of Steps: 1

Calc. Step A: Kinsearch (3)

Reading First: 3
Reading Last: 10
Reaction Limit: 0.235
Point: T1

**Instrument Application** 

Analyzer: Cobas Mira

Test: CK-MB

**Catalog** # : C7562

Reconstitute with volume of CK-MB diluent stated on reagent vial.

No (1)

**GENERAL** 

Cleaner:

Measurement Mode: Absorb
Reaction Mode: R-S (1
Calibration Mode: Factor (1)
Reagent Blank: Reag/Dil (2)

Wavelength: 340 (1)
Decimal Position: 0
Unit: U/L (21)

**ANALYSIS** 

Post Dil. Factor: No Post Conc. Factor: No

Sample Cycle: 1
Volume: 16.0 UL
Diluent: 10.0 UL

Reagent Cycle: 1
Volume: 150 UL
Start Reag 1 Cycle: -

Volume: - Diluent: -

**CALCULATION** 

Sample Limit: NO Point: -

Reac. Direction: Increase (1) Check: On

Convers. Factor: 1.00000

Offset: 1.00000

Test Range Low: 0 U/L
Test Range High: 2000 U/L
Normal Range Low: 0 U/L
Normal Range High: 22 U/L

Number of Steps: 1

Calc. Step A: Kinsearch (3)

Reading First: 10
Reading Last: 15
Reaction Limit: 0.900
Point: T1

**CALIBRATION** 

Calib Interval: On Request (3)

Blank

Reag. Range Low: 0.0000
Reag. Range High: 0.7000
Blank Range Low: -0.0020
Blank Range High: 0.0800

Factor: 6200

Calibrator Cup Pos.-

CAL-1: -

Replicate: Deviation: -

Control

CS1 Pos \* Low: (User Defined)

Assign:

High:

CS2 Pos \* Low: (User Defined)

Assign:

High:

CS3 Pos: No

\*USER DEFINED

It is recommended that two levels of control material be assayed daily. Reorder PSI CK-MB

Controls Cat.# C7562-CTL

Absorb

Before

R-S-SR1

Slope Avg.

500nm (3)

mg/dl (12)

Reag/Dil (2)

**Instrument Application** 

Analyzer: Cobas Mira Test: Creatinine CS Catalog # : C7539

#### 2-Part reagent application

**GENERAL** 

Measurement Mode: Reaction Mode: Calibration Mode:

Reagent Blank: Cleaner:

Wavelength: Decimal Position: Unit:

ANALYSIS

Post Dil. Factor: No Post Conc. Factor: No

Sample Cycle: 1
Volume: 15.0 UL
Diluent Name: H2O
Volume: 20.0 UL

Reagent Cycle: 1
Volume: 100 UL
Start Reag. 1 Cycle: 2

Volume: 50.0 UL
Diluent: H2O
Volume: 10.0 UL

CALCULATION

Sample Limit: NO Point: -

Reac. Direction: Increase (1) Check: On

Convers. Factor: 1.00000 Offset: 0.00000

Test Range Low: 0.0 mg/dl
Test Range High: 25.0 mg/dl
Normal Range Low: 0.4 mg/dl
Normal Range High: 1.4 mg/dl

Number of Steps: 1

Calc. Step A: Kinetic (2)
Reading First: 3
Reading Last: 7
Reaction Limit: No (1)
Point: -

**CALIBRATION** 

Calib Interval: On Request (3)

Blank

Reag. Range Low: 0.0100
Reag. Range High: 0.45000
Blank Range Low: -0.0030
Blank Range High: 0.0300

Factor: -

Standard Pos: 1

STD-1: User Defined

STD-2: STD-3:

Replicate: Dupl (2) Deviation: 10%

Control

CS1 Pos \* Low: (User Defined)

Assign: High:

CS2 Pos \* Low: (User Defined)

Assign: High:

CS3 Pos: No

Chemistry Calibrator catalog #C7506-50

recommended for calibration.

\* USER DEFINED.

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry

Controls Cat.# C7590-50 & C7591-50.

**Instrument Application** 

Analyzer: Cobas Mira

Test: CRP (HS)
Catalog # : C7564

Reagents are ready to use.

**GENERAL** 

Measurement Mode: Absorb
Reaction Mode: R-S-SR (1)
Calibration Mode: STD NonLinear

Reagent Blank: No Cleaner: No

Wavelength: 550 nm
Decimal Position: 2
Unit: mg/dl

**ANALYSIS** 

Post Dil. Factor: No Post Conc. Factor: No

Sample Cycle: 3 Volume: 15.0 UL

Diluent Name: Diluent

Volume: 30.0 UL (use rgt 1)

Reagent Cycle: 1

Volume: 130 UL

Start Reag 1 Cycle: 1
Volume: 90.0 U/L
Diluent Name: use rgt 1
Diluent: 5.0U/L

**CALCULATION** 

Sample Limit: No Point: -

Reac. Direction: Increase (1)

Check: Off

Convers. Factor: 1.00000
Offset: 0.00000
Test Range Low: No
Test Range High: No
Normal Range Low: \*
Normal Range High: \*

Number of Steps: 1

Calc. Step A: Kinetic
Reading First: 3
Reading Last: 10
Reaction Limit: No
Point: -

**CALIBRATION** 

Calib Interval: On Request

Blank

Reag. Range Low: No Reag. Range High: No Blank Range Low: No Blank Range High: No

Factor: -

Standard Pos. \*

Std-1: User Defined

Std-2: Std-3:

Replicate: Single Deviation: No

Calc. Model: Logit/Logit4

Correction Std: No

Control

CS1 Pos \* Low: (User Defined)

Assign:

High:

CS2 Pos \* Low: (User Defined)

Assign:

High:

CS3 Pos: No

\* User defined.

Use saline as 0.0 standard Enter calibrator values.

Rev. 11-03

**Instrument Application** 

Analyzer: Cobas Mira Test: Fructosamine Catalog #: F7546

Prepare reagent according to package insert instructions.

No (1)

**GENERAL** 

Measurement Mode: Absorb Reaction Mode: R-S (1) Calibration Mode: Slope Avg (2) Reagent Blank: Reag/Dil (2)

Wavelength: 550nm (4) **Decimal Position:** mmol/L

Unit:

Cleaner:

**ANALYSIS** 

Post Dil. Factor: No Post Conc. Factor: No

Sample Cycle: 1 Volume: 10 UL Diluent Name: H20 Volume: 30.0 UL

Reagent Cycle: 1 Volume: 200 UL Start Reag. 1 Cycle:

Volume: Diluent:

**CALCULATION** 

Sample Limit: 1.2 Point: T1

Reac. Direction: Increase (1) Check: On (1)

Convers. Factor: 1.00000 Offset: 0.00000

Test Range Low: 0.0 mmol/L Test Range High: 8.5 mmol/L Normal Range Low: 1.3 mmol/L Normal Range High: 2.85 mmol/L

Number of Steps: 1

Calc. Step A: Endpoint (1)

Reading First: Reading Last: 33 Reaction Limit: Point:

**CALIBRATION** 

On Request (3) Calib Interval:

Blank

Reag. Range Low: No Reag. Range High: 0.15 -0.003 Blank Range Low: Blank Range High: 0.003

Factor:

Standard Pos:

**User Defined** STD-1:

STD-2: STD-3:

Replicate: Dupl (2) Deviation: 5%

Control

\* Low: CS1 Pos **User Defined** 

Assign:

High:

CS2 Pos \* Low: **User Defined** 

> Assign: High:

CS3 Pos: NÖ

(Non-validated application)

\* USER DEFINED

Instrument Application

Analyzer: Cobas Mira Test: Gamma GT (Liquid)

Catalog # : G7571

Single working reagent is prepared by mixing 4 parts R1 with 1 part R2.

Point:

			•		
	Single Reagent 2	Part app.			
GENERAL	omgro rroagoni	. <u>a. ( a.pp.</u>	CALIBRATION		
Measurement Mode:	Absorb		Calib Interval:		On Request (3)
Reaction Mode:	R-S (1)	R-S-SR1	Blank		on request (o)
Calibration Mode:	Factor (1)	10-3-3101	Reag. Range Low:		0.1000
	Reag/Dil (2)		Reag. Range High		0.8000
Reagent Blank: Cleaner:					
Cleaner:	No (1)		Blank Range Low:		-0.0100
Marrala a adh	405 (2)		Blank Range High		0.0100
Wavelength:	405nm (2)		Factor		2020
Decimal Position:	0		Factor:		3938
Unit:	U/L (21)				
			Standard Pos:		-
<u>ANALYSIS</u>			STD-1:		-
Post Dil. Factor:	No		STD-2:		
Post Conc. Factor:	No		STD-3:		
Sample Cycle:	2	2	Replicate:		-
Volume:	10.0 UL	10.0 UL	Deviation:		-
Diluent Name:	H2O	H2O			
Volume:	20.0 UL	10 UL	Control		
			CS1 Pos	* Low:	(User Defined)
Reagent Cycle:	1	1		Assign:	,
Volume:	165 UL	130 UL		High:	
Start Reag 1 Cycle:	-	1	CS2 Pos	* Low:	(User Defined)
Volume:	-	35 UL		Assign:	(
Diluent Name:	_	H2O		High:	
Volume:	_	10 UL	CS3 Pos:	No	
voidino.		10 02	000105.	110	
CALCULATION					
Sample Limit:	NO		* USER DEFINED	)	
Point:	-		OOLIN DEI IIVEE	,	
Reac. Direction:	Increase (1)		It is recommended	that two I	evels of control
Check:	On				Reorder PSI Chemistry
Officer.	OII		Controls Cat.# (		
Convers. Factor:	1.00000		Controls Cat.# C	21390-30	a C7391-30.
Offset:	0.00000		Rev. 2-03		
Oliset.	0.00000		REV. 2-03		
Toot Dange Law	0.0 U/L				
Test Range Low:					
Test Range High:	1000 U/L				
Normal Range Low:	8 U/L				
Normal Range High:	54 U/L				
Nh an af Chana	1				
Number of Steps:	1				
Calc Ston A	Vincoarch (2)				
Calc. Step A:	Kinsearch (3)				
Reading First:	3 11				
Reading Last:	11 NO				
Reaction Limit:	NO				

**Instrument Application** 

Analyzer: Cobas Mira
Test: Gamma GT Soluble
Catalog # : G7570

Add 10.0ml DH2O to 10ml sized vial.

**GENERAL** 

Measurement Mode: Absorb
Reaction Mode: R-S (1)
Calibration Mode: Factor (1)
Reagent Blank: Reag/Dil (2)
Cleaner: No (1)

Wavelength: 405nm (2) Decimal Position: 0

Unit: U/L (21)

**ANALYSIS** 

Post Dil. Factor: No Post Conc. Factor: No

Sample Cycle: 1
Volume: 10.0 UL
Diluent Name: H2O
Volume: 20.0 UL

Reagent Cycle: 1
Volume: 165 UL

Start Reag. 1 Cycle: Volume: Diluent: -

**CALCULATION** 

Check:

Sample Limit: 0.5000
Point: T1
Reac. Direction: Increase (1)

On

Convers. Factor: 1.00000

Offset: 0.00000

Test Range Low: 0.0 mg/dl

Test Range High: 5.6 mg/dl
Normal Range Low: 8 mg/dl
Normal Range High: 54 mg/dl

Number of Steps: 1

Calc. Step A: Kinsearch (3)

Reading First: 3
Reading Last: 11
Reaction Limit: 0.300
Point: T1

**CALIBRATION** 

Calib Interval: On Request (3)

Blank

Reag. Range Low: 0.1000
Reag. Range High: 0.8000
Blank Range Low: -0.0100
Blank Range High: 0.0100

Factor: 3282

Standard Pos: -

STD-1: STD-2: STD-3:

Replicate: - Deviation: -

<u>Control</u>

CS1 Pos \* Low: (User Defined)

Assign:

High:

CS2 Pos \* Low: (User Defined)

Assign:

High:

CS3 Pos: No

\* USER DEFINED

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

**Instrument Application** 

Analyzer: Cobas Mira
Test: Glucose Hex (Liquid)

**Catalog** # : **G7517** 

Reagent supplied as ready to use liquid.

**GENERAL** 

Measurement Mode: Absorb
Reaction Mode: R-S (1)
Calibration Mode: Slope Avg. (2)
Reagent Blank: Reag/Dil (2)
Cleaner: No (1)

Wavelength: 340nm (1) Decimal Position: 0

Unit: mg/dl (12)

**ANALYSIS** 

Post Dil. Factor: No Post Conc. Factor: No

Sample Cycle: 1
Volume: 3.0 UL
Diluent Name: H2O
Volume: 20.0 UL

Reagent Cycle: 1
Volume: 300 UL
Start Reag. 1 Cycle: Volume: -

Diluent: CALCULATION

Sample Limit: NO Point: -

Reac. Direction: Increase (1) Check: On

Convers. Factor: 1.00000 Offset: 0.00000

Test Range Low: 0.0 mg/dl
Test Range High: 600 mg/dl
Normal Range Low: 65 mg/dl
Normal Range High: 110 mg/dl

Number of Steps: 1

Calc. Step A: Endpoint (1)
Reading First: CB
Reading Last: 13
Reaction Limit: Point: -

**CALIBRATION** 

Calib Interval: On Request (3)

Blank

Reag. Range Low: -0.050
Reag. Range High: 0.3000
Blank Range Low: -0.050
Blank Range High: 0.3000

Factor: -

Standard Pos: 1

STD-1: User Defined

STD-2: STD-3:

Replicate: Dupl (2) Deviation: 10%

Control

CS1 Pos \* Low: (User Defined)

Assign:

High:

CS2 Pos \* Low: (User Defined)

Assign:

High:

CS3 Pos: No

Chemistry Calibrator catalog #C7506-50

recommended for calibration.

\* USER DEFINED

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry

Controls Cat.# C7590-50 & C7591-50.

Rev. 10-03

**Instrument Application** 

Analyzer: Cobas Mira

Test: Glucose Hex Catalog # : G7518

Add 12ml and 40.0ml to 15 and 50ml sized vials respectively. Swirl to dissolve.

**GENERAL** 

Measurement Mode: Absorb
Reaction Mode: R-S (1)
Calibration Mode: Slope Avg. (2)
Reagent Blank: Reag/Dil (2)
Cleaner: No (1)

Wavelength: 340nm (1) Decimal Position: 0

Unit: mg/dl (12)

**ANALYSIS** 

Post Dil. Factor: No Post Conc. Factor: No

Sample Cycle: 1
Volume: 3.0 UL
Diluent Name: H2O
Volume: 50.0 UL

Reagent Cycle: 1
Volume: 200 UL

Start Reag. 1 Cycle: Volume: Diluent: -

**CALCULATION** 

Check:

Sample Limit: 0.3000
Point: T1
Reac. Direction: Increase (1)

On

Convers. Factor: 1.00000 Offset: 0.00000

Test Range Low: 0.0 mg/dl
Test Range High: 600 mg/dl
Normal Range Low: 65 mg/dl
Normal Range High: 110 mg/dl

Number of Steps: 1

Calc. Step A: Endpoint (1)
Reading First: T1
Reading Last: 6
Reaction Limit: -

Point:

**CALIBRATION** 

Calib Interval: On Request (3)

Blank

Reag. Range Low: 0.0030
Reag. Range High: 0.3000
Blank Range Low: -0.0700
Blank Range High: 0.0600

Factor: -

Standard Pos: 1

STD-1: User Defined

STD-2: STD-3:

Replicate: Dupl (2) Deviation: 10%

Control

CS1 Pos \* Low: (User Defined)

Assign:

High:

CS2 Pos \* Low: (User Defined)

Assign: High:

CS3 Pos: No

Chemistry Calibrator catalog #C7506-50 recommended for calibration.

\* USER DEFINED

**Instrument Application** 

Analyzer: Cobas Mira Test: HDL Cholesterol Catalog # : H7507/H7511

See package insert.

NOTE: Cholesterol Reagent should be reconstituted as per cholesterol Mira application instructions.

**GENERAL** 

Measurement Mode: Absorb Reaction Mode: R-S (1) Slope Avg. (2) Calibration Mode: Reagent Blank: Reag/Dil (2) Cleaner: No (1)

Wavelength: 500nm (3) Decimal Position:

Unit: mg/dl (12)

**ANALYSIS** 

Post Dil. Factor: No Post Conc. Factor: No

Sample Cycle: 1 Volume: 6.0 UL Diluent Name: H20 Volume: 50.0 UL

Reagent Cycle: 1

Volume: 165 UL Start Reag. 1 Cycle:

Volume: Diluent:

**CALCULATION** 

Sample Limit: 0.2000 Point: Reac. Direction:

Increase (1)

Check: On

Convers. Factor: 1.00000 Offset: 0.00000

Test Range Low: 0.0 mg/dl Test Range High: 250 mg/dl Normal Range Low: 30 mg/dl Normal Range High: 75 mg/dl

Number of Steps: 1

Calc. Step A: Endpoint (1)

Reading First: T1 Reading Last: 13 Reaction Limit: Point:

**CALIBRATION** 

Calib Interval: On Request (3)

Blank

Reag. Range Low: -0.0700 Reag. Range High: 0.1300 Blank Range Low: -0.0500 Blank Range High: 0.0500

Factor:

Standard Pos:

User Defined STD-1:

STD-2: STD-3:

Replicate: Dupl (2) Deviation: 10%

Control

CS1 Pos \* Low: (User Defined)

Assign:

High:

CS2 Pos \* Low: (User Defined)

> Assign: High:

CS3 Pos: No

NOTE: Final results must be multiplied by 2 or the calibrator value

entered into the instrument doubled.

Cholesterol calibrator catalog# C7574-50 is recommended for calibration.

\* USER DEFINED

**Instrument Application** 

Analyzer: Cobas Mira Test: Hemoglobin

Catalog # : H7504

Ready to use liquid.

**GENERAL** 

Measurement Mode: Absorb
Reaction Mode: R-S (1)
Calibration Mode: Calibrator (2)
Reagent Blank: Reag/Dil (2)

Cleaner: No (1)

Wavelength: 550nm Decimal Position: 1

Unit: g/dl

**ANALYSIS** 

Volume:

Post Dil. Factor: No Post Conc. Factor: No

Sample Cycle: 2
Volume: 3.0 UL
Diluent Name: H2O

50.0 UL

1

Reagent Cycle:

Volume: 300 UL

Start Reag. 1 Cycle: - Volume: -

volume: Diluent: -

**CALCULATION** 

Sample Limit: 0.3000 Point: T1

Reac. Direction: Increase (1)

Check: On

Convers. Factor: 1.00000 Offset: 0.00000

Test Range Low: 0.0 g/dl
Test Range High: 25.0 g/dl
Normal Range Low: 11.0 g/dl
Normal Range High: 25.0 g/dl

Number of Steps: 1

Calc. Step A: Endpoint (1)

Reading First: 1
Reading Last: 13
Reaction Limit: Point: -

**CALIBRATION** 

Calib Interval: On Request (3)

Blank

Reag. Range Low:-0.0700Reag. Range High:0.1300Blank Range Low:-0.0500

Blank Range High: 0.0500

Factor: -

Standard Pos: 1

STD-1: User Defined

STD-2: STD-3:

Replicate: Dupl (2) Deviation: 10%

Control

CS1 Pos \* Low: (User Defined)

Assign: High:

CS2 Pos \* Low: (User Defined)

Assign:

High:

CS3 Pos: No

Hemoglobin Standard catalog #H7504-STD recommended

for calibration.

\*USER DEFINED

\*\*Non-validated application

Absorb

R-S-SR1

Reag/Dil (2)

Before (2)

550nm (4)

ug/dl

1

No

Std Lin or Slope Avg.

**Instrument Application** 

Blank

Analyzer: Cobas Mira

Test: Total Iron

Catalog # : 17504 / 17505

Reagents are supplied ready to use.

**GENERAL** 

Measurement Mode:

Reaction Mode:

Calibration Mode: Reagent Blank:

Cleaner:

Wavelength:

**Decimal Position:** 

Unit:

**ANALYSIS** 

Post Dil. Factor: No

Post Conc. Factor: No

Sample Cycle:

Volume: 50 UL Diluent Name: H20 Volume: 40 UL

Reagent Cycle:

Volume:

240 UL\* Start Reag 1 Cycle: Volume: 5 UL\*\* 0 UL

Diluent:

**CALCULATION** 

Sample Limit: Point:

Reac. Direction: Increase (1) Check: On

Convers. Factor: 1.00000 Offset: 0.00000

Test Range Low: 0 ug/dl Test Range High: 510 ug/dl Normal Range Low: 60 ug/dl Normal Range High: 150 ug/dl

Number of Steps:

Calc. Step A: Endpoint (1)

Reading First: Reading Last: 28 Reaction Limit: Point:

**CALIBRATION** 

Calib Interval: On Request (3)

Reag. Range Low: No Reag. Range High: 2.000 Blank Range Low: No Blank Range High: 2.000

Factor:

Standard Pos:

STD-1: User Defined

STD-2:

STD-3:

Replicate: Dupl (2) Deviation: 10%

Control

CS1 Pos # Low: (User Defined)

Assign:

High:

# Low: (User Defined) CS2 Pos

Assign:

High:

CS3 Pos: No

\*Iron Buffer Reagent \*\* Iron Color Reagent

# USER DEFINED

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistr Controls Cat.# C7590-50 & C7591-50.

**Instrument Application** 

Analyzer: Cobas Mira

Test: Lactate

**Catalog #** : L7596

Prepare reagent according to package insert instructions.

600nm (5)

**GENERAL** 

Measurement Mode: Absorb Reaction Mode: R-S (1) Calibration Mode: Slope Avg. (2) Reagent Blank: Reag/Dil (2) Cleaner: No (1)

Wavelength:

**Decimal Position:** Unit: mmol/L

**ANALYSIS** 

Post Dil. Factor: No Post Conc. Factor: No

Sample Cycle: 1 3.0 UL Volume: Diluent Name: H20 Volume: 10.0 UL

Reagent Cycle:

1 Volume: 300 UL

Start Reag. 1 Cycle: Volume:

Diluent:

**CALCULATION** 

Sample Limit: No Point:

Reac. Direction: Increase (1) On

Check:

Convers. Factor: 1.00000 Offset: 0.00000

Test Range Low: 0 mmol/L Test Range High: 20 mmol/L Normal Range Low: 0.5 mmol/L Normal Range High: 2.2 mmol/L

Number of Steps: 1

Calc. Step A: Endpoint (1)

Reading First: Reading Last: 13 **Reaction Limit:** Point:

**CALIBRATION** 

Calib Interval: On Request (3)

Blank

Reag. Range Low: -0.100 Reag. Range High: 2.000 Blank Range Low: -0.1000Blank Range High: 1.5000

Factor:

Standard Pos:

**User Defined** STD-1:

STD-2: STD-3:

Replicate: Dupl (2) Deviation: 10%

Control

CS1 Pos \* Low: (User Defined)

> Assign: High:

\* Low: (User Defined) CS2 Pos

> Assign: High:

CS3 Pos: No

\* USER DEFINED

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

**Instrument Application** 

Analyzer: Cobas Mira

Test: HBDH

**Catalog** # : H7569

Add 5ml, 12ml to 6.5, 15 ml sized vials respectively. Swirl to dissolve.

GEN	VERAL	
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Measurement Mode: Absorb
Reaction Mode: R-S (1)
Calibration Mode: Factor (1)
Reagent Blank: Reag/Dil (2)
Cleaner: No (1)

Wavelength: 340nm (1) Decimal Position: 0

Unit: U/L (21)

#### **ANALYSIS**

Post Dil. Factor: No Post Conc. Factor: No

Sample Cycle: 2
Volume: 5.0 UL
Diluent Name: H2O
Volume: 30.0 UL

Reagent Cycle: 1 Volume: 150

Volume: 150 UL Start Reag. 1 Cycle: -

Volume: Diluent: -

#### **CALCULATION**

Sample Limit: NO Point: T1

Reac. Direction: Decrease (2) Check: On

Convers. Factor: 1.00000

Offset: 1.00000

Test Range Low: 0 U/L
Test Range High: 800 U/L
Normal Range Low: 68 U/L
Normal Range High: 135 U/L

Number of Steps: 1

Calc. Step A: Kinsearch (3)

Reading First: 5
Reading Last: 12
Reaction Limit: No

Point:

**CALIBRATION** 

Calib Interval: On Request (3)

Blank

Reag. Range Low: 0.4000
Reag. Range High: 1.9000
Blank Range Low: -0.0500
Blank Range High: 0.5000

Factor: 9914

Standard Pos: -

STD-1: -STD-2: STD-3:

Replicate: - Deviation: -

Control

CS3 Pos:

CS1 Pos \* Low: (User Defined)

Assign: High:

CS2 Pos \* Low: (User Defined)

Assign: High:

No

\* USER DEFINED

\*\*non-validated application

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

**Instrument Application** 

Analyzer: Cobas Mira

Test: LDH

**Catalog** # : L7535

Add 5ml, 12ml and 40ml to 6.5, 15 and 50ml sized vials respectively. Swirl to dissolve.

	_		_	_	_	
GI		۱ı	_	n	Λ	
l٦I	ГΙ	v	Г.	ĸ	н	

Measurement Mode: Absorb Reaction Mode: R-S (1)

Calibration Mode: Factor (1) Reagent Blank: Reag/Dil (2)

Cleaner: Select (3) After AST, ALT

Wavelength: 340nm (1)

**Decimal Position:** Unit: U/L (21)

#### **ANALYSIS**

Post Dil. Factor: No Post Conc. Factor: No

Sample Cycle: 1 Volume: 5.0 UL Diluent Name: H20 Volume: 30.0 UL

Reagent Cycle:

Volume: 125 UL Start Reag. 1 Cycle:

Volume:

Diluent:

#### **CALCULATION**

Sample Limit: 0.5000 Point:

Reac. Direction: Increase (1) Check: On

Convers. Factor: 1.00000

Offset: 0.00000

Test Range Low: 0 U/L Test Range High: 1250 U/L Normal Range Low: 80 U/L Normal Range High: 285 U/L

Number of Steps: 1

Calc. Step A: Kinsearch (3)

Reading First: 3 Reading Last: 11 Reaction Limit: 0.1500 Point: T1

#### **CALIBRATION**

Calib Interval: On Request (3)

Blank

Reag. Range Low: 0.1000 Reag. Range High: 0.7000 Blank Range Low: -0.0500 Blank Range High: 0.0500

Factor: 8574

Standard Pos:

STD-1: STD-2: STD-3:

Replicate: Deviation:

Control CS1 Pos

\* Low: (User Defined)

Assign:

High:

CS2 Pos \* Low: (User Defined)

Assign:

High:

CS3 Pos: No

#### \* USER DEFINED

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

Instrument Application

Analyzer: Cobas Mira

Test: LDH, Liquid Catalog # : L7572

Reading Last:

Reaction Limit:

Point:

12

No

Prepare single working reac	gent by mixing gle Reagent	4 parts R1 and 2Part app.	1 part R2.		
GENERAL Measurement Mode: Reaction Mode: Calibration Mode: Reagent Blank:	Absorb R-S (1) Factor (1) Reag/Dil (2)	R-S-SR1	CALIBRATION Calib Interval: Blank Reag. Range Low Reag. Range High	:	On Request (3) 0.1000 0.4000
Cleaner: Wavelength:	No (1) 340nm (1)		Blank Range Low: Blank Range High		-0.0050 0.0010
Decimal Position: Unit:	0 U/L (21)		Factor:		9914
ANALYSIS Post Dil. Factor: Post Conc. Factor:	No No		Standard Pos: STD-1: STD-2: STD-3:		-
Sample Cycle: Volume: Diluent Name:	2 5.0 UL H2O	2 5.0 U/L H2O	Replicate: Deviation:		-
Volume:  Reagent Cycle: Volume:	30.0 UL 1 150UL	15.0 UL 1 120 UL	Control CS1 Pos	*Low: Assign:	(User Defined)
Start Reag 1 Cycle: Volume: Diluent Name:	- -	1 30 UL H2O	CS2 Pos Assign:	High: *Low: High:	(User Defined)
Diluent:	-	15 UL	CS3 Pos:	No	
CALCULATION Sample Limit: Point:	No -		*USER DEFINED		
Reac. Direction: Check:	Increase (1) On		It is recommended material be assays Controls Cat.# O	ed daily. F	Reorder PSI Chemistry
Convers. Factor: Offset:	1.00000 0.00000		Rev. 2-03		
Test Range Low: Test Range High: Normal Range Low: Normal Range High:	0 U/L 1400 U/L 80 U/L 285 U/L				
Number of Steps:	1				
Calc. Step A: Reading First:	Kinsearch (3	3)			

#### ROCHE COBAS MIRA LD-P (LDH) – CATALOG# L7536

Add 5ml, 12ml and 40ml to 6, 15 and 50ml sized vials respectively. Swirl to dissolve.

<u>GENERAL</u>		<b>CALIBRATION</b>	<u>1</u>	
Measurement Mode:	Absorb	Calib Interval:		On Request (3)
Reaction Mode:	R-S (1)	Blank		
Calibration Mode:	Factor (1)	Reag. Range Lov	v:	0.500
Reagent Blank:	Reag/Dil (2)	Reag. Range Hig	h:	1.900
Cleaner:	Select (3) After AST, ALT	Blank Range Lov	v:	-0.500
		Blank Range Hig	h:	0.500
Wavelength:	340nm (1)			
Decimal Position:	0	Factor:		8574
Unit:	U/L (21)			
		Standard Pos:		-
<u>ANALYSIS</u>		STD-1:		-
Post Dil. Factor:	No	STD-2:		
Post Conc. Factor:	No	STD-3:		
Sample Cycle:	1	Replicate:		-
Volume:	5.0 UL	Deviation:		-
Diluent Name:	H2O			
Volume:	30.0 UL	Control		
		CS1 Pos	* Low:	(User Defined)
Reagent Cycle:	1		Assign:	
Volume:	125 UL		High:	
Start Reag. 1 Cycle:	-	CS2 Pos	* Low:	(User Defined)
Volume:	-		Assign:	
Diluent:	-		High:	
		CS3 Pos:	-	No

#### **CALCULATION**

Sample Limit: 0.5000
Point: T1
Reac. Direction: Decrease
Check: On

Convers. Factor: 1.00000 Offset: 0.00000

Test Range Low: 0 U/L
Test Range High: 1200 U/L
Normal Range Low: 190 U/L
Normal Range High: 560 U/L

Number of Steps: 1

Calc. Step A: Kinsearch (3)

Reading First: 3
Reading Last: 11
Reaction Limit: 0.1500
Point: T1

\* USER DEFINED

Rev: 5/01

**Instrument Application** 

Analyzer: Cobas Mira

Test: Lipase

**Catalog** # : L7503

Add 10ml substrate buffer to lipase substrate. Use activator reagent as start reagent.

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GE	IV	H	КH	ч

Measurement Mode: Absorb
Reaction Mode: R-S-SR1
Calibration Mode: Calibrator (2)
Reagent Blank: Reag/Dil (2)
Cleaner: Before (2)

Wavelength: 550nm (4)

Decimal Position: 0 Unit: U/L (21)

OTIIL.

**ANALYSIS** 

Post Dil. Factor: No Post Conc. Factor: No

Sample Cycle: 1
Volume: 3.0 UL
Diluent: 10.0 UL

Reagent Cycle: 1

Volume: 180 UL

Start Reag 1 Cycle: 8
Volume: 60.0 UL

Diluent: 10.0 UL

**CALCULATION** 

Sample Limit: No Point: -

Reac. Direction: Increase (1)

Check: On

Convers. Factor: 1.00000 Offset: 0.00000

Test Range Low: 0 U/L
Test Range High: 600 U/L
Normal Range Low: 0 U/L
Normal Range High: 62 U/L
Number of Steps: 1

Calc. Step A: Kinetic (2)
Reading First: 14
Reading Last: 20
Reaction Limit: No (1)
Point: -

#### **CALIBRATION**

Calib Interval: On Request

Blank

Reag. Range Low: -0.1000
Reag. Range High: 0.5000
Blank Range Low: -0.0900
Blank Range High: 0.1000

Factor: -

Calibrator Pos: 3

CAL-1: User Defined

CAL-2: CAL-3:

Replicate: Dupl (2) Deviation: 10%

Control

CS1 Pos \* Low: (User Defined)

Assign:

High:

CS2 Pos \* Low: (User Defined)

Assign: High:

CS3 Pos: No

Use Lipase Standard as Calibrator.

\* USER DEFINED

It is recommended that two levels of control

material be assayed daily. Reorder PSI Chemistry

Controls Cat.# C7590-50 & C7591-50.

**Instrument Application** 

Analyzer: Cobas Mira

Test: Magnesium Catalog # : M7527

Reagent is supplied ready to use.

**GENERAL** 

Measurement Mode: Absorb
Reaction Mode: R-S (1)
Calibration Mode: Calibrator. (2)
Reagent Blank: Reag/Dil (2)
Cleaner: Before (2)

Wavelength: 550nm (4)

Decimal Position: 1 Unit: mg/dl

**ANALYSIS** 

Post Dil. Factor: No Post Conc. Factor: No

Sample Cycle: 2
Volume: 3.0 UL
Diluent Name: H2O
Volume: 15.0 UL

Reagent Cycle: 1 Volume: 300 UL

Start Reag. 1 Cycle: Volume: Diluent: -

**CALCULATION** 

Sample Limit: No Point: -

Reac. Direction: Increase (1)

Check: On

Convers. Factor: 1.00000 Offset: 0.00000

Test Range Low: 0.0 mg/dl
Test Range High: 6.0 mg/dl
Normal Range Low: 1.6 mg/dl
Normal Range High: 3.0 mg/dl

Number of Steps: 1

Calc. Step A: Endpoint (1)

Reading First: T1
Reading Last: 4
Reaction Limit: Point: -

**CALIBRATION** 

Calib Interval: On Request (3)

Blank

Reag. Range Low: 0.1000
Reag. Range High: 0.7000
Blank Range Low: -0.0500
Blank Range High: 0.0500

Factor:

Standard Pos: 1

STD-1: User Defined

STD-2: STD-3:

Replicate: Dupl (2) Deviation: 10%

**Control** 

CS1 Pos \* Low: (User Defined)

Assign: High:

CS2 Pos \* Low: (User Defined)

Assign: High:

CS3 Pos: No

\* USER DEFINED

It is recommended that two levels of control

material be assayed daily. Reorder PSI Chemistry

Controls Cat.# C7590-50 & C7591-50.

Chemistry Calibrator catalog #C7506-50 recommended for calibration

Rev: 7/02

**Instrument Application** 

Analyzer: Cobas Mira

Test: Microalbumin (2-Point)

Catalog # : M7562

Reagents are supplied ready to use.

**GENERAL** 

Measurement Mode: Absorb
Reaction Mode: R-S-SR1
Calibration Mode: Slope Avg. (2)

Reagent Blank: No Cleaner: No

Wavelength: 340nm Decimal Position: 2

Unit: mg/dl (12)

**ANALYSIS** 

Post Dil. Factor: No Post Conc. Factor: No

Sample Cycle: 1

Volume: 12.0 UL
Diluent Name: H2O
Volume: 10.0 UL

Reagent Cycle: 1

Volume: 270 UL

Start Reag 1 Cycle: 8
Volume: 90.0 UL

Diluent: 90.0 Of

**CALCULATION** 

Sample Limit: No Point: -

Reac. Direction: Increase (1)

Check: Off

Convers. Factor: 1.00000

Offset: 0.00000

Test Range Low: No
Test Range High: No
Normal Range Low: No
Normal Range High: No

Number of Steps: 1

Calc. Step A: Endpoint (1)

Reading First: 7
Reading Last: 22
Reaction Limit: Point: -

**CALIBRATION** 

Calib Interval: On Request (3)

Blank

Reag. Range Low: No Reag. Range High: No Blank Range Low: No Blank Range High: No

Factor:

Standard Pos: 2

STD-1: User Defined

STD-2: STD-3:

Replicate: Single Deviation: No

**Control** 

CS1 Pos \* Low: (User Defined)

Assign:

High:

CS2 Pos \* Low: (User Defined)

Assign:

High:

CS3 Pos: No

Use saline as 0.0 standard

Microalbumin calibrator set catalog# M7562-CAL

required for calibration.

\* USER DEFINED

Rev: 11-03

**Instrument Application** 

Analyzer: Cobas Mira

Test: Microalbumin (multi-Point)

**Catalog # : M7562** 

Reagents are supplied ready to use.

**GENERAL** 

Measurement Mode: Absorb
Reaction Mode: R-S-SR1
Calibration Mode: Lin Inter
Reagent Blank: No
Cleaner: No

Wavelength: 340nm Decimal Position: 2

Unit: mg/dl (12)

**ANALYSIS** 

Post Dil. Factor: No Post Conc. Factor: No

Sample Cycle: 1 Volume: 12.0 UL Diluent Name: H2O

Volume: 10.0 UL

Reagent Cycle: 1

Volume: 270 UL

Start Reag 1 Cycle: 8

Volume: 90.0 UL Diluent: 0.0

**CALCULATION** 

Sample Limit: No Point: -

Reac. Direction: Increase (1)

0.00000

No

Check: Off Convers. Factor: 1.00000

Offset:

Test Range Low: No Test Range High: No Normal Range Low: No

Number of Steps: 1

Normal Range High:

Calc. Step A: Endpoint (1)

Reading First: 7
Reading Last: 22
Reaction Limit: Point: -

**CALIBRATION** 

Calib Interval: On Request (3)

Blank

Reag. Range Low: No
Reag. Range High: No
Blank Range Low: No
Blank Range High: No

Factor:

Standard Pos: 2

STD-1: User Defined

STD-2: STD-3:

Replicate: Single Deviation: No

**Control** 

CS1 Pos \* Low: (User Defined)

Assign:

High:

CS2 Pos \* Low: (User Defined)

Assign: High:

CS3 Pos: No

Use saline as 0.0 standard.

Microalbumin calibrator set catalog# M7562-CAL

required for calibration.

\* USER DEFINED

Rev: 11-03

**Instrument Application** 

Analyzer: Cobas Mira Test: Microprotein Catalog # : P7582

Reagents are ready to use.

**GENERAL** 

Measurement Mode: Absorb
Reaction Mode: R-S (1)

Calibration Mode: Calibrator (2)
Reagent Blank: Reag/Dil (2)
Cleaner: Before (2)

Wavelength: 600nm (5)

Decimal Position: 0

Unit: mg/dl (12)

**ANALYSIS** 

Post Dil. Factor: No Post Conc. Factor: No

Sample Cycle: 1
Volume: 4 UL
Diluent Name: H2O
Volume: 20.0 UL

Reagent Cycle: 1

Volume: 300 UL

Start Reag. 1 Cycle: - Volume: -

Diluent: -

**CALCULATION** 

Sample Limit: No Point: -

Reac. Direction: Increase (1)

Check: Off

Convers. Factor: 1.00000

Offset: 0.00000

Test Range Low: 0.0 mg/dl Test Range High: 200 mg/dl

Normal Range Low: \*
Normal Range High: \*

Number of Steps: 1

Calc. Step A: Endpoint (1)

Reading First: CB
Reading Last: 24
Reaction Limit: No
Point: -

**CALIBRATION** 

Calib Interval: On Request (3)

Blank

Reag. Range Low: No Reag. Range High: No Blank Range Low: No Blank Range High: No

Factor:

Standard Pos: \*

STD-1: User Defined

STD-2: STD-3:

Replicate: Triplicate (3)

Deviation: No

**Control** 

CS2 Pos

CS1 Pos \* Low: (User Defined)

Assign: High:

\* Low: (User Defined)

Assign:

High:

CS3 Pos: No

\*User Defined

**Instrument Application** 

Analyzer: Cobas Mira Test: Phosphorus **Catalog #: P7516** 

Reagents are ready to use.

**GENERAL** 

Measurement Mode: Absorb Reaction Mode: R-S(1)

Calibrator (2) Calibration Mode: Reagent Blank: Reag/Dil (2) Cleaner: No (1)

Wavelength: 340nm (1) **Decimal Position:** 

Unit: mg/dl (12)

**ANALYSIS** 

Post Dil. Factor: No Post Conc. Factor: No

Sample Cycle: 1 Volume: 7.0 UL Diluent Name: H<sub>2</sub>O 20.0 UL Volume:

Reagent Cycle: 1

Volume: 300 UL

Start Reag. 1 Cycle: Volume:

Diluent:

**CALCULATION** 

Sample Limit: NO Point:

Reac. Direction: Increase (1)

Check:

Convers. Factor: 1.00000 Offset: 0.00000

Test Range Low: 0.0 mg/dl

Test Range High: 15.0 mg/dl

Normal Range Low: 2.5 mg/dl Normal Range High: 4.8 mg/dl

Number of Steps:

Calc. Step A: Endpoint (1)

Reading First: CB Reading Last: 5 Reaction Limit: Point:

**CALIBRATION** 

Calib Interval: On Request (3)

Blank

Reag. Range Low: -0.1500 Reag. Range High: 0.3900 Blank Range Low: -0.0500Blank Range High: 0.1000

Factor:

Standard Pos:

STD-1: User Defined

STD-2: STD-3:

Replicate: Dupl (2) Deviation: 10%

**Control** 

CS3 Pos:

CS1 Pos \* Low: (User Defined)

Assign:

High:

CS2 Pos \* Low: (User Defined)

Assign: High:

No

Chemistry Calibrator catalog #C7506-50

recommended for calibration.

\* USER DEFINED

Rev: 2-03

It is recommended that two levels of control

material be assayed daily. Reorder PSI Chemistry

Controls Cat.# C7590-50 & C7591-50.

**Instrument Application** 

Analyzer: Cobas Mira Test: Total Protein Catalog #: T7528

Reagents are ready to use.

**GENERAL** 

Measurement Mode: Absorb
Reaction Mode: R-S (1)
Calibration Mode: Calibrator (2)
Reagent Blank: Reag/Dil (2)
Cleaner: No (1)

Wavelength: 550nm (4)

Decimal Position: 1

Unit: g/dl (11)

**ANALYSIS** 

Post Dil. Factor: No Post Conc. Factor: No

Sample Cycle: 1
Volume: 5.0 UL
Diluent Name: H2O
Volume: 20.0 UL

Reagent Cycle: 1

Volume: 250 UL

Start Reag. 1 Cycle: Volume: Diluent: -

**CALCULATION** 

Sample Limit: 0.3000 Point: 1

Reac. Direction: Increase (1)

Check: On

Convers. Factor: 1.00000 Offset: 0.00000

Test Range Low: 0.0 g/dl
Test Range High: 15.0 g/dl
Normal Range Low: 6.2 g/dl
Normal Range High: 8.5 g/dl

Number of Steps: 1

Calc. Step A: Endpoint (1)

Reading First: 1
Reading Last: 5
Reaction Limit: Point: -

**CALIBRATION** 

Calib Interval: On Request (3)

Blank

Reag. Range Low: -0.1000
Reag. Range High: 0.4000
Blank Range Low: -0.0500
Blank Range High: 0.0500

Factor: -

Standard Pos: 1

STD-1: User Defined

STD-2: STD-3:

Replicate: Dupl (2) Deviation: 10%

**Control** 

CS1 Pos \* Low: (User Defined)

Assign:

High:

CS2 Pos \* Low: (User Defined)

Assign: High:

CS3 Pos: No

Chemistry Calibrator catalog #C7506-50

recommended for calibration.

\* USER DEFINED

Rev: 2-03

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

**Instrument Application** 

Analyzer: Cobas Mira Test: Rheumatoid Factor

Catalog # : R7568

Reagents are supplied ready to use.

**GENERAL** 

Measurement Mode: Absorb Reaction Mode: R-S-SR1 Lin Inter Calibration Mode:

Reagent Blank: No Cleaner: No

Wavelength: 340nm Decimal Position:

Unit: U/ML

**ANALYSIS** 

Post Dil. Factor: No Post Conc. Factor: No

Sample Cycle:

Volume: 15.0 UL Diluent Name: H<sub>2</sub>O Volume: 10.0 UL

Reagent Cycle:

Volume: 250 UL

Start Reag 1 Cycle: 12 Volume: 50.0 UL

Diluent: 10.0 UL

**CALCULATION** 

Sample Limit: No Point:

Reac. Direction: Increase (1)

Check: Off

Convers. Factor: 1.00000

Offset: 0.00000

Test Range Low: No Test Range High: No Normal Range Low: No Normal Range High: No

Number of Steps:

Calc. Step A: Endpoint (1)

Reading First: 11 Reading Last: 22 Reaction Limit: Point:

**CALIBRATION** 

Calib Interval: On Request (3)

Blank

Reag. Range Low: No Reag. Range High: No Blank Range Low: No

Blank Range High: No

Factor:

Standard Pos:

STD-1: User Defined

STD-2: 2-6 USER DEFINED

STD-3:

Replicate: Single Deviation: No

Control

CS1 Pos \* Low: (User Defined)

> Assign: High:

CS2 Pos \* Low: (User Defined)

> Assign: High:

CS3 Pos: No

Use saline as 0.0 standard.

RF calibrator set catalog# R7568-CAL required for calibration.

\* USER DEFINED

Rev: 11/03

**Instrument Application** 

Analyzer: Cobas Mira

Test: Sodium

Catalog # : S7571

Prepare reagent according to package insert instructions.

GENERAL		CALIBRATION	<u> </u>	T 1 D
Measurement Mode:	Absorb	Calib Interval:		Each Run
Reaction Mode:	R-S-SR1	Blank		
Calibration Mode:	Calibrator (2)	Reag. Range Lov		No
Reagent Blank:	Reag/Dil (2)	Reag. Range Hig	h:	No
Cleaner:	No (1)	Blank Range Lov	w:	No
		Blank Range Hig	gh:	No
Wavelength:	550nm (4)			
Decimal Position:	0	Factor:		_
Unit:	mmol/L			
		Standard Pos:		7
<u>ANALYSIS</u>		STD-1:		Standard
Post Dil. Factor:	No	STD-2:		Staridard
Post Conc. Factor:	No	STD-3:		
1 ost cone. 1 actor.	110	510 3.		
Sample Cycle:	1	Replicate:		Dupl (2)
Volume:	10 UL	Deviation:		No
Diluent Name:	H2O			
Volume:	10.0 UL	<b>Control</b>		
		CS1 Pos	* Low:	(User Defined)
Reagent Cycle:	1		Assign:	
Volume:	250 UL		High:	
Start Reag. 1 Cycle:	4	CS2 Pos	-	(User Defined)
Volume:	95 UL		Assign:	,
Diluent:			High:	
		CS3 Pos:	6	No

**CALCULATION** 

Sample Limit: No Point: -

Point: - It is recommended that two levels of control Reac. Direction: Increase (1) material be assayed daily. Reorder PSI Chemistry Check: Off Controls Cat.# C7590-50 & C7591-50.

Convers. Factor: 1.00000 Offset: 0.00000

Test Range Low: No \* USER DEFINED
Test Range High: No Rev: 5/01

Test Range High: No
Normal Range Low: No
Normal Range High: No
Number of Steps: 1

Calc. Step A: Endpoint (1)

Reading First: 3
Reading Last: 7
Reaction Limit: Point: -

Serum samples should be prepared as stated in package insert. R1 is the Acid Reagent. R2 is the Color Reagent.

**Instrument Application** 

Analyzer: Cobas Mira

Test: Triglyceride-GPO (Liq)

**Catalog** # : **T7532** 

Reagent provided ready to use.

**GENERAL** 

Measurement Mode: Absorb
Reaction Mode: R-S (1)
Calibration Mode: Calibrator (2)
Reagent Blank: Reag/Dil (2)
Cleaner: Before (2)

Wavelength: 500nm Decimal Position: 0

Unit: mg/dl (12)

**ANALYSIS** 

Post Dil. Factor: No Post Conc. Factor: No

Sample Cycle: 2
Volume: 3.0 UL
Diluent Name: H2O
Volume: 50.0 UL

Reagent Cycle: 1

Volume: 200 UL

Start Reag. 1 Cycle: Volume: Diluent: -

**CALCULATION** 

Sample Limit: 0.6000 Point: T1

Reac. Direction: Increase (1)

Check: On

Convers. Factor: 1.00000 Offset: 0.00000

Test Range Low: 0 mg/dl
Test Range High: 1000 mg/dl
Normal Range Low: 36 mg/dl
Normal Range High: 165 mg/dl

Number of Steps: 1

Calc. Step A: Endpoint (1)

Reading First: 1
Reading Last: 7
Reaction Limit: -

Point:

**CALIBRATION** 

Calib Interval: On Request (3)

Blank

Reag. Range Low: -0.0700
Reag. Range High: 0.3000
Blank Range Low: -0.0900
Blank Range High: 0.0700

Factor: -

Standard Pos: 1

STD-1: User Defined

STD-2: STD-3:

Replicate: Dupl (2) Deviation: 10%

**Control** 

CS1 Pos \* Low: (User Defined)

Assign: High:

CS2 Pos \* Low: (User Defined)

Assign: High:

CS3 Pos: No

Chemistry Calibrator catalog #C7506-50

recommended for calibration.

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry Controls Cat.# C7590-50 & C7591-50.

\* USER DEFINED

**Instrument Application** 

Analyzer: Cobas Mira Test: Triglyceride-GPO Catalog # : T7531

Add 12ml and 40ml to 15ml and 50ml vials respectively. Swirl to dissolve.

GENERAL	
Measurement	١

CENEDAL

Mode: Absorb Reaction Mode: R-S(1)Calibration Mode: Calibrator (2) Reag/Dil (2) Reagent Blank: Cleaner: Before (2)

Wavelength: 550nm Decimal Position:

Unit: mg/dl (12)

**ANALYSIS** 

Post Dil. Factor: No Post Conc. Factor: No

Sample Cycle: 1 Volume: 3.0 UL Diluent Name: H<sub>2</sub>O Volume: 50.0 UL

Reagent Cycle: 1 Volume: 200 UL Start Reag. 1 Cycle:

Volume: Diluent:

#### **CALCULATION**

Sample Limit: 0.6000 Point: T1

Reac. Direction: Increase (1) Check: On

Convers. Factor: 1.00000 Offset: 0.00000

Test Range Low: 0 mg/dl Test Range High: 1000 mg/dl Normal Range Low: 36 mg/dl Normal Range High: 165 mg/dl

Number of Steps: 1

Endpoint (1) Calc. Step A:

Reading First: T1 Reading Last: 7 Reaction Limit: Point:

**CALIBRATION** 

Calib Interval: On Request (3)

Blank

Reag. Range Low: -0.0700 Reag. Range High: 0.3000 Blank Range Low: -0.0900 Blank Range High: 0.0700

Factor:

Standard Pos:

User Defined STD-1:

STD-2: STD-3:

Replicate: Dupl (2) Deviation: 10%

**Control** 

CS1 Pos \* Low: (User Defined)

> Assign: High:

CS2 Pos \* Low: (User Defined)

> Assign: High:

CS3 Pos: No

Chemistry Calibrator catalog #C7506-50

recommended for calibration.

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry

Controls Cat.# C7590-50 & C7591-50.

\* USER DEFINED



Analyzer: Cobas Mira Test: UIBC - Notes Catalog #: 17504, 17506

#### Calculations:

Total Iron Binding Capacity is calculated as follows:

TIBC (ug/dl) = Total Iron + UIBC

% Saturation is calculated as Follows:

% Saturation = Serum Iron X 100 TIBC

#### Linearity:

Up to 500 ug/dl

If UIBC in the sample exceeds 500ug/dl, dilute 1 part sample with 2 parts saline and reassay. Multiply result by 3 to compensate for dilution.

#### Procedure:

- 1. Fill reagent containers with sufficient amounts of reagents.
- 2. Enter assay parameters as outlined.
- 3. Assign the 500 standard to a calibrator position as outline in the instrument settings and place the standard in that position. Calibrate the assay by requesting a pre-calibration (PC) to establish the appropriate calibration factor.
- 4. After a calibration factor has been determined modify the instrument settings as follows.

**GENERAL** 

Calibration Mode: Factor......1

**CALCULATION** 

Reaction Direction: Decrease......2

CALIBRATION

Factor: ......(Enter Calibration Factor from step 3)

Start Assay.

#### **Procedural Notes:**

- 1. The cup position and calibrator concentration will be automatically deleted when the calibrator mode is changed to Factor. The calibration interval is set to each run so that the reagent blank will be updated with each run. The reagent blank will be updated automatically by the instrument using the instrument diluent as sample. Calibrators are not required to update the blank.
- 2. It is not necessary to establish a calibration factor with each run. However, the calibration factor should be verified with each reagent lot change, instrument maintenance, or if control material indicates the need for recalibration.

**Instrument Application** 

Analyzer: Cobas Mira

Test: UIBC

Catalog #: 17504, 17506

**GENERAL** 

Measurement Mode: Absorb Reaction Mode: R-S-SR1-SR2 Calibration Mode: Slope Avg Reagent Blank: Reag/Dil (2)

Before

Wavelength: 550nm (4)

Decimal Position: ug/dl

Unit:

Cleaner:

**ANALYSIS** 

Post Dil. Factor: No Post Conc. Factor: No

Sample Cycle: 1 Volume: 25 UL Diluent Name: H<sub>2</sub>O Volume: 10 UL

Reagent Cycle: 1

170 UL Volume:

Start Reag 1 Cycle: Volume: 30 UL

Diluent: 10 UL Start Reag 2 Cycle: 10 Volume: 5 UL 10

Diluent:

**CALCULATION** 

Sample Limit: No Point:

Reac. Direction: Increase

Check: On

Convers. Factor: 1.00000

0.00000 Offset:

Test Range Low: 0 ug/dl

Test Range High: 510 ug/dl Normal Range Low: 130 ug/dl 375 ug/dl Normal Range High:

Number of Steps: 1

Calc. Step A: Endpoint (1)

Reading First: Reading Last: 24 Reaction Limit: Point:

**CALIBRATION** 

Calib Interval: Each Run

Blank

Reag. Range Low: -0.010 Reag. Range High: 2.000 Blank Range Low: -0.010Blank Range High: 2.000

enter Iron calibration factor Factor:

User Defined Standard Pos:

> STD-1: 500

STD-2: STD-3:

Replicate: Dupl (2) Deviation: 10%

Control

CS1 Pos # Low: (User Defined)

Assign:

High:

CS2 Pos # Low: (User Defined)

> Assign: High:

CS3 Pos: No

Reagent 1: UIBC buffer Start reagent 1: Iron Standard

Start reagent 2: Iron Color

# USER DEFINED

See Notes for detailed instructions on use of reagent and application

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry

Controls Cat.# C7590-50 & C7591-50.

**Instrument Application** 

Analyzer: Cobas Mira Test: Uric Acid (Liquid)

Catalog # : U7581

Reagent supplied as a ready to use product.

**GENERAL** 

Measurement Mode: Absorb Reaction Mode: R-S (1)

Calibration Mode: Slope AVG (2) Reagent Blank: Reag/Dil (2)

Cleaner: no

Wavelength: 500nm (3)

Decimal Position:

mg/dl (12) Unit:

**ANALYSIS** 

Post Dil. Factor: No Post Conc. Factor: No

Sample Cycle: 1 Volume: 4.0 UL

Diluent Name: H<sub>2</sub>O Volume: 30.0 UL

Reagent Cycle:

Volume: 150 UL

1

Start Reag. 1 Cycle: Volume

Diluent:

**CALCULATION** 

Sample Limit: no

Point:

Reac. Direction: Increase (1)

Check: On

Convers. Factor: 1.00000

Offset: 0.00000

Test Range Low: 0 mg/dl Test Range High: 20.0 mg/dl Normal Range Low: 2.2 mg/dl 7.7 mg/dl Normal Range High:

Number of Steps: 1

Endpoint (1) Calc. Step A:

Reading First: CB Reading Last: 15 **Reaction Limit:** Point:

**CALIBRATION** 

Calib Interval: On Request (3)

Blank

Reag. Range Low: 0.0000 Reag. Range High: 0.2500 Blank Range Low: -0.0500

Blank Range High: 0.1000

Factor:

Standard Pos:

STD-1: User Defined

STD-2: STD-3:

Replicate: Dupl (2) Deviation: 10%

Control

CS1 Pos \* Low: (User Defined)

Assign:

High:

CS2 Pos \* Low: (User Defined)

> Assign: High:

No

Chemistry Calibrator catalog #C7506-50

recommended for calibration.

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry

Controls Cat.# C7590-50 & C7591-50.

\* USER DEFINED

Rev: 2-03

CS3 Pos:

**Instrument Application** 

Analyzer: Cobas Mira

Test: Uric Acid Catalog # : U7580

Add 12ml and 40ml to 15 and 50ml sized vials respectively. Swirl to dissolve.

**GENERAL** 

Measurement Mode: Absorb Reaction Mode: R-S (1)

Calibration Mode: Calibrator (2)
Reagent Blank: Reag/Dil (2)
Cleaner: Before (2)

Wavelength: 500nm (3)

Decimal Position: 1

Unit: mg/dl (12)

**ANALYSIS** 

Post Dil. Factor: No Post Conc. Factor: No

Sample Cycle: 1
Volume: 6.0 UL
Diluent Name: H2O
Volume: 50.0 UL

Reagent Cycle: 1

Volume: 200 UL

Start Reag. 1 Cycle: Volume: Diluent: -

**CALCULATION** 

Sample Limit: 0.6000 Point: T1

Reac. Direction: Increase (1)

Check: On

Convers. Factor: 1.00000 Offset: 0.00000

Test Range Low: 0 mg/dl
Test Range High: 20.0 mg/dl
Normal Range Low: 2.2 mg/dl
Normal Range High: 7.7 mg/dl

Number of Steps: 1

Calc. Step A: Endpoint (1)

Reading First: T1
Reading Last: 8
Reaction Limit: -

Point: - Rev: 5/01

**CALIBRATION** 

Calib Interval: On Request (3)

Blank

Reag. Range Low: -0.0700
Reag. Range High: 0.3500
Blank Range Low: -0.0500

Blank Range High: 0.0500

Factor: -

Standard Pos: 1

STD-1: User Defined

STD-2: STD-3:

Replicate: Dupl (2) Deviation: 10%

**Control** 

CS1 Pos \* Low: (User Defined)

Assign: High:

CS2 Pos \* Low: (User Defined)

Assign: High:

CS3 Pos: No

Chemistry Calibrator catalog #C7506-50

recommended for calibration

It is recommended that two levels of control material be assayed daily. Reorder PSI Chemistry

Controls Cat.# C7590-50 & C7591-50.

\* USER DEFINED

**Instrument Application** 

Analyzer: Cobas Mira

Test: G6PD

Catalog # : G7583

**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.

<b>GENER</b>	AL
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Measurement Mode:AbsorbReaction Mode:R-S (1)Calibration Mode:Factor (1)Reagent Blank:Reag/Dil (2)Cleaner:Before (2)Wavelength:340nm (1)Decimal Position:0Unit:U/L (21)

ANALYSIS

Post Dil. Factor: No Post Conc. Factor: No

Sample Cycle: 1
Volume: 7.0 UL
Diluent Name: H2O
Volume: 10.0 UL

Reagent Cycle: 1 Volume: 240 UL

Start Reag. 1 Cycle: Volume: Diluent: -

**CALCULATION** 

Sample Limit: NO Point: T1

Reac. Direction: Increase (2)

Check: On

Convers. Factor: 1.00000 Offset: 0.00000

Test Range Low: 0 U/L
Test Range High: 3000 U/L
Normal Range Low: NO
Normal Range High: NO

Number of Steps: 1

Calc. Step A: Kinetic (2)

Reading First: 8
Reading Last: 19
Reaction Limit: .1000
Point: T1

#### **CALIBRATION**

Calib Interval: On Request (3)

Blank

Reag. Range Low: -0.010
Reag. Range High: 0.240
Blank Range Low: -0.010
Blank Range High: 0.010
Factor: 98377

Standard Pos: -

STD-1: STD-2: STD-3:

Replicate: Deviation: -

**Control** 

CS1 Pos \* Low: (User Defined)

Assign: High:

CS2 Pos \* Low: (User Defined)

Assign: High:

CS3 Pos: No

Calculations: G6PDH (U/gHgb) = G6PDH (U/l) / (10 x Hgb)

\* USER DEFINED

**Instrument Application** 

Analyzer: Cobas Mira

Test: HbA1c Catalog # : H7541

Reagent preparation: Reagent provided ready to use.

Sample preparation: Add 10 ul packed cells to 1.0 mls hemolysis reagent and let stand 5 minutes. Mix well.

~-				_
(2)	H, M	$\mathbf{F}\mathbf{R}$	Δ	

Measurement Mode: Absorb Reaction Mode: R-S-SR1 Std. NONLIN Calibration Mode: Reagent Blank: NO Blk Cleaner: NO Wavelength: 600nm (1) **Decimal Position:** Unit: %

**ANALYSIS** 

Post Dil. Factor: No Post Conc. Factor: No

Sample Cycle: 1

Volume: 7.0 UL Diluent Name: H2O Volume: 3.0 UL

Reagent Cycle: 1

240 UL Volume:

Start Reag. 1 Cycle: 12

Volume: 80 UL 5.0 UL

Diluent:

#### **CALCULATION**

Sample Limit: NO Point:

Reac. Direction: Increase (2)

Check: On

Convers. Factor: 1.00000 Offset: 0.00000

Test Range Low: 0 Test Range High: 16.0 Normal Range Low: NO Normal Range High: NO

Number of Steps: 1

Calc. Step A: **ENDPOINT** 

Reading First: 13 Reading Last: 24 **Reaction Limit:** Point:

**CALIBRATION** 

Calib Interval: On Request (3)

Blank

Reag. Range Low: -0.010Reag. Range High: 0.240 Blank Range Low: -0.010Blank Range High: 0.010

Factor:

Standard Pos:

STD-1: STD-4: \* STD-2: STD-5: \*

STD-3:

Replicate: Single Deviation: NO CALC MODEL: Logit/LOG

Control CS1 Pos

\* Low: (User Defined)

Assign:

High:

CS2 Pos \* Low: (User Defined)

Assign:

High:

CS3 Pos: No

\* USER DEFINED

Rev: 11/03



Analyzer: Cobas Mira

Test: Lp(a)

Catalog # : L7597

**Reagent preparation:** Reagents provided as ready to use liquids.

	<b>CALIBRATIO</b>	<u>N</u>
Absorb	Calib Interval:	On Request (3)
R-S -SR1	Blank	
Std. Nonlin	Reag. Range Lo	w: NO
Reag/Dil (2)	Reag. Range Hig	gh: NO
NO	Blank Range Lo	w: NO
340nm	Blank Range Hi	gh: NO
1	Factor:	-
mg/dL		
	Standard Pos:	*1
	STD-1:	*0.0
No	STD-2:	*2
No	STD-3:	*2
1	Replicate:	Triple
15.0 uL	Deviation:	-20%
H2O		
20.0 uL	<b>Control</b>	
	CS1 Pos	* Low: (User Defined)
1		Assign:
300 uL		High:
13	CS2 Pos	* Low: (User Defined)
50 uL		Assign:
	R-S -SR1 Std. Nonlin Reag/Dil (2) NO 340nm 1 mg/dL  No No 1 15.0 uL H2O 20.0 uL 1 300 uL 13	R-S -SR1 Std. Nonlin Reag/Dil (2) Reag. Range Lor Reag/Dil (2) Reag. Range High Reag. Range Lor Reag. R

#### **CALCULATION**

Diluent:

Volume:

Sample Limit: NO

Point:

Reac. Direction: Increase (2)

H<sub>2</sub>O

10.0 uL

Check: Off

Convers. Factor: 1.00000

Offset: 0.00000

Test Range Low: No Test Range High: No Normal Range Low: 0.02 Normal Range High: 0.27

Number of Steps: 1

Calc. Step A: Endpoint Reading First: 12 Reading Last: 25 **Reaction Limit:** NO Point:

\*1 Position of Calibrator

\*2 Assigned Value of Calibrator

High:

No

Rev. 3/03

CS3 Pos: