



XL-200 instructions

rev 429.0.2 - 2011-03-01

Chema
D I A G N O S T I C A

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XL-200 instructions

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Warning!

These programs should be used only as guideline. To check the reagent correct setting on the instrument, use only good quality control sera and work accordingly to with good laboratory practice. Instrumental factor must be checked. Chema Diagnostica will not be responsible for instrumental bad programming.

Analyzer: XL-200Application: **ACID PHOSPHATASE**

Preparation: POWDER SINGLE REAGENT. FOLLOW PREPARATION PROGRAM INDICATED IN INSERT SHEET. INSTALL AS R1

Storage: REFRIGERATE AT 2-8°C

TEST PARAMETERS

Test	: ACP		
Report name	: Acid phosphatase	Total Reagents	: 1
Unit	: U/l	Decimal Places	: 1
Wavelength-primary	: 405	Secondary	: 660
Assay type	: RATE-A	Curve Type	: Linear
M1 Start	: 0	M1 End	: 0
M2 Start	: 20	M2 End	: 36
Sample Replicates	: 1	Standard Replicates	: 3
Control Replicates	: 2	Control Interval	: 0
Reaction Direction	: Increasing	React. Abs. Limit	: 1.800
Prozone Limit %	: 0	Prozone check	: Lower
Linearity Limit %	: 0	Delta Abs/Min	: 0.0000
Technical minimum	: 0.1	Technical Maximum	: 60.0
Y=aX+b	a= : 1	b=	: 0

SAMPLE VOLUMES

Normal	: 25
Increase	: 40
Decrease	: 12
Standard Volume	: 25

REAGENT VOLUMES AND STIRRER SPEED

RGT-1 Volume	: 250	R1 Stirrer Speed	: Medium
RGT-2 Volume	: 0	R2 Stirrer Speed	

Analyzer: XL-200

Application: **ALBUMIN**
 Preparation: R1 - LIQUID READY TO USE SINGLE REAGENT
 Storage: REFRIGERATE (2-8°C)
 Stability: AS INDICATED IN THE LABEL

TEST PARAMETERS

Test	: ALB		
Report name	: Albumin		Total Reagents : 1
Unit	: g/dl	Decimal Places : 1	Reagent Name R1 : ALB R1
Wavelength-primary	: 630	Secondary : 0	Reagent Name R2 :
Assay type	: 1POINT	Curve Type : Linear	
M1 Start	: 0	M1 End : 0	
M2 Start	: 21	M2 End : 21	
Sample Replicates	: 1	Standard Replicates : 3	
Control Replicates	: 2	Control Interval : 0	
Reaction Direction	: Increasing	React. Abs. Limit : 1.500	
Prozone Limit %	: 0	Prozone check : Lower	
Linearity Limit %	: 0	Delta Abs/Min : 0.0000	
Technical minimum	: 0.1	Technical Maximum : 6.0	
Y=aX+b	a= : 1	b= : 0	

SAMPLE VOLUMES

Normal : 3
 Increase : 5
 Decrease : 2
 Standard Volume : 3

REAGENT VOLUMES AND STIRRER SPEED

RGT-1 Volume : 300 R1 Stirrer Speed : Medium
 RGT-2 Volume : 0 R2 Stirrer Speed

Analyzer: XL-200

Application: **ALKALINE PHOSPHATASE DGKC FL**
 Preparation: R1 - INSTALL LIQUID READY TO USE REAGENT A
 R2 - INSTALL LIQUID READY TO USE REAGENT B
 Storage: REFRIGERATE AT 2-8°C
 Stability: AS INDICATED IN THE LABEL

TEST PARAMETERS

Test	: ALP		
Report name	: ALP DGKC	Total Reagents	: 2
Unit	: U/l	Decimal Places	: 0
Wavelength-primary	: 405	Secondary	: 660
Assay type	: RATE-A	Curve Type	: Linear
M1 Start	: 0	M1 End	: 0
M2 Start	: 22	M2 End	: 32
Sample Replicates	: 1	Standard Replicates	: 3
Control Replicates	: 2	Control Interval	: 0
Reaction Direction	: Increasing	React. Abs. Limit	: 1.500
Prozone Limit %	: 0	Prozone check	: Lower
Linearity Limit %	: 0	Delta Abs/Min	: 0.0000
Technical minimum	: 5	Technical Maximum	: 3000
Y=aX+b	a= : 1	b=	: 0

SAMPLE VOLUMES

Normal : 6
 Increase : 12
 Decrease : 3
 Standard Volume : 6

REAGENT VOLUMES AND STIRRER SPEED

RGT-1 Volume : 240 R1 Stirrer Speed : Medium
 RGT-2 Volume : 60 R2 Stirrer Speed : High

Analyzer: XL-200

Application: **ALKALINE PHOSPHATASE IFCC FL**
 Preparation: R1 - INSTALL LIQUID READY TO USE REAGENT A
 R2 - INSTALL LIQUID READY TO USE REAGENT B
 Storage: REFRIGERATE AT 2-8°C
 Stability: AS INDICATED IN THE LABEL

TEST PARAMETERS

Test	: ALP		
Report name	: ALP IFCC	Total Reagents	: 2
Unit	: U/l	Decimal Places	: 0
Wavelength-primary	: 405	Secondary	: 660
Assay type	: RATE-A	Curve Type	: Linear
M1 Start	: 0	M1 End	: 0
M2 Start	: 22	M2 End	: 32
Sample Replicates	: 1	Standard Replicates	: 3
Control Replicates	: 2	Control Interval	: 0
Reaction Direction	: Increasing	React. Abs. Limit	: 1.500
Prozone Limit %	: 0	Prozone check	: Lower
Linearity Limit %	: 0	Delta Abs/Min	: 0.0000
Technical minimum	: 5	Technical Maximum	: 3000
Y=aX+b	a= : 1	b=	: 0

SAMPLE VOLUMES

Normal : 6
 Increase : 12
 Decrease : 3
 Standard Volume : 6

REAGENT VOLUMES AND STIRRER SPEED

RGT-1 Volume : 240 R1 Stirrer Speed : Medium
 RGT-2 Volume : 60 R2 Stirrer Speed : High

Analyzer: XL-200

Application: **AMYLASE FL**
 Preparation: R1 - LIQUID READY TO USE SINGLE REAGENT
 Storage: REFRIGERATE AT 2-8°C
 Stability: AS INDICATED IN THE LABEL

TEST PARAMETERS

Test	: AMY		
Report name	: AMY CNPG3		Total Reagents : 1
Unit	: U/l	Decimal Places : 0	Reagent Name R1 : AMY R1
Wavelength-primary	: 405	Secondary : 660	Reagent Name R2 :
Assay type	: RATE-A	Curve Type : Linear	
M1 Start	: 0	M1 End : 0	
M2 Start	: 21	M2 End : 31	
Sample Replicates	: 1	Standard Replicates : 3	
Control Replicates	: 2	Control Interval : 0	
Reaction Direction	: Increasing	React. Abs. Limit : 1.500	
Prozone Limit %	: 0	Prozone check : Lower	
Linearity Limit %	: 0	Delta Abs/Min : 0.0000	
Technical minimum	: 2	Technical Maximum : 3000	
Y=aX+b	a= : 1	b= : 0	

SAMPLE VOLUMES

Normal : 8
 Increase : 12
 Decrease : 4
 Standard Volume : 8

REAGENT VOLUMES AND STIRRER SPEED

RGT-1 Volume : 300 R1 Stirrer Speed : Medium
 RGT-2 Volume : 0 R2 Stirrer Speed :

Analyzer: XL-200Application: **AMYLASE EPS FL**Preparation: R1 - INSTALL LIQUID READY TO USE REAGENT A
R2 - INSTALL LIQUID READY TO USE REAGENT B

Storage: REFRIGERATE AT 2-8°C

Stability: AS INDICATED IN THE LABEL

TEST PARAMETERS

Test	: AMY		
Report name	: AMY EPSG7	Total Reagents	: 2
Unit	: U/l	Decimal Places	: 0
Wavelength-primary	: 405	Secondary	: 660
Assay type	: RATE-A	Curve Type	: Linear
M1 Start	: 0	M1 End	: 0
M2 Start	: 24	M2 End	: 34
Sample Replicates	: 1	Standard Replicates	: 3
Control Replicates	: 2	Control Interval	: 0
Reaction Direction	: Increasing	React. Abs. Limit	: 1.500
Prozone Limit %	: 0	Prozone check	: Lower
Linearity Limit %	: 0	Delta Abs/Min	: 0.0000
Technical minimum	: 2	Technical Maximum	: 1500
Y=aX+b	a= : 1	b=	: 0

SAMPLE VOLUMES

Normal	: 12
Increase	: 20
Decrease	: 6
Standard Volume	: 12

REAGENT VOLUMES AND STIRRER SPEED

RGT-1 Volume	: 240	R1 Stirrer Speed	: Medium
RGT-2 Volume	: 60	R2 Stirrer Speed	: High

Analyzer: XL-200Application: **PANCREATIC ISOAMYLASE FL**Preparation: R1 - INSTALL LIQUID READY TO USE REAGENT A
R2 - INSTALL LIQUID READY TO USE REAGENT B

Storage: REFRIGERATE AT 2-8°C

Stability: AS INDICATED IN THE LABEL

TEST PARAMETERS

Test	: AMP		
Report name	: Amylase panc.	Total Reagents	: 2
Unit	: U/l	Decimal Places	: 0
Wavelength-primary	: 405	Secondary	: 660
Assay type	: RATE-A	Curve Type	: Linear
M1 Start	: 0	M1 End	: 0
M2 Start	: 24	M2 End	: 34
Sample Replicates	: 1	Standard Replicates	: 3
Control Replicates	: 2	Control Interval	: 0
Reaction Direction	: Increasing	React. Abs. Limit	: 1.500
Prozone Limit %	: 0	Prozone check	: Lower
Linearity Limit %	: 0	Delta Abs/Min	: 0.0000
Technical minimum	: 2	Technical Maximum	: 2500
Y=aX+b	a= : 1	b=	: 0

SAMPLE VOLUMES

Normal	: 12
Increase	: 20
Decrease	: 6
Standard Volume	: 12

REAGENT VOLUMES AND STIRRER SPEED

RGT-1 Volume	: 240	R1 Stirrer Speed	: Medium
RGT-2 Volume	: 60	R2 Stirrer Speed	: High

Analyzer: XL-200

Application: **BICARBONATE FL**
 Preparation: R1 - LIQUID READY TO USE SINGLE REAGENT
 Storage: REFRIGERATE (2-8°C)
 Stability: AS INDICATED IN THE LABEL

TEST PARAMETERS

Test	: CO2		
Report name	: Bicarbonate	Total Reagents	: 1
Unit	: mmol/l	Decimal Places	: 1
Wavelength-primary	: 405	Secondary	: 660
Assay type	: 1POINT	Curve Type	: Linear
M1 Start	: 0	M1 End	: 0
M2 Start	: 32	M2 End	: 32
Sample Replicates	: 1	Standard Replicates	: 3
Control Replicates	: 2	Control Interval	: 0
Reaction Direction	: Decreasing	React. Abs. Limit	: 0.800
Prozone Limit %	: 0	Prozone check	: Lower
Linearity Limit %	: 0	Delta Abs/Min	: 0.0000
Technical minimum	: 1	Technical Maximum	: 50
Y=aX+b	a= : 1	b=	: 0
		Reagent Name R1	: CO2 R1
		Reagent Name R2	:

SAMPLE VOLUMES

Normal : 3
 Increase : 5
 Decrease : 2
 Standard Volume : 3

REAGENT VOLUMES AND STIRRER SPEED

RGT-1 Volume : 300 R1 Stirrer Speed : Medium
 RGT-2 Volume : R2 Stirrer Speed :

Analyzer: XL-200

Application: **BILIRUBIN TOTAL FL**
Preparation: R1 - INSTALL LIQUID READY TO USE REAGENT A
R2 - INSTALL LIQUID READY TO USE REAGENT B
Storage: REFRIGERATE AT 2-8°C
Stability: AS INDICATED IN THE LABEL

TEST PARAMETERS

Test	: BLT		
Report name	: Bilirubin T	Total Reagents	: 2
Unit	: mg/dl	Decimal Places	: 1
Wavelength-primary	: 505	Secondary	: 660
Assay type	: 2POINT	Curve Type	: Linear
M1 Start	: 12	M1 End	: 12
M2 Start	: 36	M2 End	: 36
Sample Replicates	: 1	Standard Replicates	: 3
Control Replicates	: 2	Control Interval	: 0
Reaction Direction	: Increasing	React. Abs. Limit	: 1.500
Prozone Limit %	: 0	Prozone check	: Lower
Linearity Limit %	: 0	Delta Abs/Min	: 0.0000
Technical minimum	: 0	Technical Maximum	: 20.0
Y=aX+b	a= : 1	b=	: 0

SAMPLE VOLUMES

Normal : 15
Increase : 25
Decrease : 8
Standard Volume : 15

REAGENT VOLUMES AND STIRRER SPEED

RGT-1 Volume : 240 R1 Stirrer Speed : High
RGT-2 Volume : 60 R2 Stirrer Speed : High

Analyzer: XL-200Application: **BILIRUBIN DIRECT FL**Preparation: R1 - INSTALL LIQUID READY TO USE REAGENT A
R2 - INSTALL LIQUID READY TO USE REAGENT B

Storage: REFRIGERATE AT 2-8°C

Stability: AS INDICATED IN THE LABEL

TEST PARAMETERS

Test	: BLD			
Report name	: Bilirubin D		Total Reagents	: 2
Unit	: mg/dl	Decimal Places	: 1	Reagent Name R1 : BLD R1
Wavelength-primary	: 546	Secondary	: 660	Reagent Name R2 : BLD R2
Assay type	: 2POINT	Curve Type	: Linear	
M1 Start	: 12	M1 End	: 12	
M2 Start	: 36	M2 End	: 36	
Sample Replicates	: 1	Standard Replicates	: 3	
Control Replicates	: 2	Control Interval	: 0	
Reaction Direction	: Increasing	React. Abs. Limit	: 1.500	
Prozone Limit %	: 0	Prozone check	: Lower	
Linearity Limit %	: 0	Delta Abs/Min	: 0.0000	
Technical minimum	: 0	Technical Maximum	: 13.0	
Y=aX+b	a= : 1	b=	: 0	

SAMPLE VOLUMES

Normal	: 15
Increase	: 25
Decrease	: 8
Standard Volume	: 15

REAGENT VOLUMES AND STIRRER SPEED

RGT-1 Volume	: 240	R1 Stirrer Speed	: Medium
RGT-2 Volume	: 60	R2 Stirrer Speed	: High

Analyzer: XL-200Application: **CALCIUM**Preparation: R1 - INSTALL LIQUID READY TO USE REAGENT B
R2 - INSTALL LIQUID READY TO USE REAGENT A

Storage: ROOM TEMPERATURE OR REFRIGERATE (2-30°C)

Stability: AS INDICATED IN THE LABEL

TEST PARAMETERS

Test	: CA		
Report name	: Calcium OCP	Total Reagents	: 2
Unit	: mg/dl	Decimal Places	: 1
Wavelength-primary	: 570	Secondary	: 660
Assay type	: 2POINT	Curve Type	: Linear
M1 Start	: 12	M1 End	: 12
M2 Start	: 36	M2 End	: 36
Sample Replicates	: 1	Standard Replicates	: 3
Control Replicates	: 2	Control Interval	: 0
Reaction Direction	: Increasing	React. Abs. Limit	: 1.500
Prozone Limit %	: 0	Prozone check	: Lower
Linearity Limit %	: 0	Delta Abs/Min	: 0.0000
Technical minimum	: 0	Technical Maximum	: 20.0
Y=aX+b	a= : 1	b=	: 0

SAMPLE VOLUMES

Normal	: 5
Increase	: 10
Decrease	: 3
Standard Volume	: 5

REAGENT VOLUMES AND STIRRER SPEED

RGT-1 Volume	: 150	R1 Stirrer Speed	: Medium
RGT-2 Volume	: 150	R2 Stirrer Speed	: Medium

Analyzer: XL-200Application: **CALCIUM ASX**

Preparation: R1 - LIQUID READY TO USE SINGLE REAGENT

Storage: ROOM TEMPERATURE OR REFRIGERATE (2-30°C)

Stability: AS INDICATED IN THE LABEL

TEST PARAMETERS

Test	: CA		
Report name	: Calcium Arsenazo	Total Reagents	: 1
Unit	: mg/dl	Decimal Places	: 1
Wavelength-primary	: 660	Secondary	: 0
Assay type	: 1POINT	Curve Type	: Linear
M1 Start	: 0	M1 End	: 0
M2 Start	: 36	M2 End	: 36
Sample Replicates	: 1	Standard Replicates	: 3
Control Replicates	: 2	Control Interval	: 0
Reaction Direction	: Increasing	React. Abs. Limit	: 1.500
Prozone Limit %	: 0	Prozone check	: Lower
Linearity Limit %	: 0	Delta Abs/Min	: 0.0000
Technical minimum	: 0	Technical Maximum	: 20.0
Y=aX+b	a= : 1	b=	: 0
		Reagent Name R1	: CA R1
		Reagent Name R2	:

SAMPLE VOLUMES

Normal	: 3
Increase	: 5
Decrease	: 2
Standard Volume	: 3

REAGENT VOLUMES AND STIRRER SPEED

RGT-1 Volume	: 300	R1 Stirrer Speed	: Medium
RGT-2 Volume	: 0	R2 Stirrer Speed	:

Analyzer: XL-200

Application: **CHOLESTEROL FL**
 Preparation: R1 - LIQUID READY TO USE SINGLE REAGENT
 Storage: REFRIGERATE AT 2-8°C
 Stability: AS INDICATED IN THE LABEL

TEST PARAMETERS

Test	: CHOL		
Report name	: Cholesterol	Total Reagents	: 1
Unit	: mg/dl	Decimal Places	: 0
Wavelength-primary	: 505	Secondary	: 660
Assay type	: 1POINT	Curve Type	: Linear
M1 Start	: 0	M1 End	: 0
M2 Start	: 36	M2 End	: 36
Sample Replicates	: 1	Standard Replicates	: 3
Control Replicates	: 2	Control Interval	: 0
Reaction Direction	: Increasing	React. Abs. Limit	: 1.500
Prozone Limit %	: 0	Prozone check	: Lower
Linearity Limit %	: 0	Delta Abs/Min	: 0.0000
Technical minimum	: 10	Technical Maximum	: 700
Y=aX+b	a= : 1	b=	: 0
		Reagent Name R1	: CHOL R1
		Reagent Name R2	:

SAMPLE VOLUMES

Normal : 3
 Increase : 5
 Decrease : 2
 Standard Volume : 3

REAGENT VOLUMES AND STIRRER SPEED

RGT-1 Volume : 300 R1 Stirrer Speed : Medium
 RGT-2 Volume : 0 R2 Stirrer Speed :

Analyzer: XL-200Application: **HDL direct FL**Preparation: R1 - INSTALL LIQUID READY TO USE REAGENT A
R2 - INSTALL LIQUID READY TO USE REAGENT B
CALIBRATOR - RECONSTITUTE AS INDICATED IN INSERT SHEET

Storage: REFRIGERATE AT 2-8°C

Stability: 60 DAYS OPEN BOTTLES - CALIBRATOR: AS INDICATED IN INSERT SHEET

TEST PARAMETERS

Test	: HDL		
Report name	: HDL Cholesterol	Total Reagents	: 2
Unit	: mg/dl	Decimal Places	: 0
Wavelength-primary	: 630	Secondary	: 0
Assay type	: 2POINT	Curve Type	: Linear
M1 Start	: 12	M1 End	: 12
M2 Start	: 36	M2 End	: 36
Sample Replicates	: 1	Standard Replicates	: 3
Control Replicates	: 2	Control Interval	: 0
Reaction Direction	: Increasing	React. Abs. Limit	: 1.300
Prozone Limit %	: 0	Prozone check	: Lower
Linearity Limit %	: 0	Delta Abs/Min	: 0.0000
Technical minimum	: 5	Technical Maximum	: 220
Y=aX+b	a= : 1	b=	: 0

SAMPLE VOLUMES

Normal	: 3
Increase	: 5
Decrease	: 2
Standard Volume	: 3

REAGENT VOLUMES AND STIRRER SPEED

RGT-1 Volume	: 270	R1 Stirrer Speed	: Medium
RGT-2 Volume	: 90	R2 Stirrer Speed	: Medium

Analyzer: XL-200Application: **LDL direct FL**Preparation: R1 - INSTALL LIQUID READY TO USE REAGENT A
R2 - INSTALL LIQUID READY TO USE REAGENT B
CALIBRATOR - RECONSTITUTE AS INDICATED IN INSERT SHEET

Storage: REFRIGERATE AT 2-8°C

Stability: 60 DAYS OPEN BOTTLES - CALIBRATOR: AS INDICATED IN INSERT SHEET

TEST PARAMETERS

Test	: LDL		
Report name	: LDL Cholesterol	Total Reagents	: 2
Unit	: mg/dl	Decimal Places	: 0
Wavelength-primary	: 630	Secondary	: 0
Assay type	: 2POINT	Curve Type	: Linear
M1 Start	: 12	M1 End	: 12
M2 Start	: 36	M2 End	: 36
Sample Replicates	: 1	Standard Replicates	: 3
Control Replicates	: 2	Control Interval	: 0
Reaction Direction	: Increasing	React. Abs. Limit	: 1.300
Prozone Limit %	: 0	Prozone check	: Lower
Linearity Limit %	: 0	Delta Abs/Min	: 0.0000
Technical minimum	: 5	Technical Maximum	: 400
Y=aX+b	a= : 1	b=	: 0

SAMPLE VOLUMES

Normal	: 3
Increase	: 5
Decrease	: 2
Standard Volume	: 3

REAGENT VOLUMES AND STIRRER SPEED

RGT-1 Volume	: 270	R1 Stirrer Speed	: Medium
RGT-2 Volume	: 90	R2 Stirrer Speed	: Medium

Analyzer: XL-200Application: **CHOLINESTERASE FL (DGKC)**

Preparation: R1 - INSTALL LIQUID READY TO USE REAGENT A

R2 - INSTALL LIQUID READY TO USE REAGENT B

Storage: REFRIGERATE AT 2-8°C

Stability: AS INDICATED IN THE LABEL

TEST PARAMETERS

Test	: CHE		
Report name	: Cholinesterase	Total Reagents	: 2
Unit	: U/l	Decimal Places	: 0
Wavelength-primary	: 405	Secondary	: 660
Assay type	: RATE-A	Curve Type	: Linear
M1 Start	: 0	M1 End	: 0
M2 Start	: 20	M2 End	: 28
Sample Replicates	: 1	Standard Replicates	: 3
Control Replicates	: 2	Control Interval	: 0
Reaction Direction	: Decreasing	React. Abs. Limit	: 0.800
Prozone Limit %	: 0	Prozone check	: Lower
Linearity Limit %	: 0	Delta Abs/Min	: 0.0000
Technical minimum	: 100	Technical Maximum	: 25000
Y=aX+b	a= : 1	b=	: 0

SAMPLE VOLUMES

Normal	: 5
Increase	: 10
Decrease	: 3
Standard Volume	: 5

REAGENT VOLUMES AND STIRRER SPEED

RGT-1 Volume	: 200	R1 Stirrer Speed	: Medium
RGT-2 Volume	: 50	R2 Stirrer Speed	: Medium

Analyzer: XL-200Application: **CK-NAC FL**Preparation: R1 - INSTALL LIQUID READY TO USE REAGENT A
R2 - INSTALL LIQUID READY TO USE REAGENT B

Storage: REFRIGERATE AT 2-8°C

Stability: AS INDICATED IN THE LABEL

TEST PARAMETERS

Test	: CK		
Report name	: CK-NAC		Total Reagents : 2
Unit	: U/l	Decimal Places : 0	Reagent Name R1 : CK R1
Wavelength-primary	: 340	Secondary : 660	Reagent Name R2 : CK R2
Assay type	: RATE-A	Curve Type : Linear	
M1 Start	: 0	M1 End : 0	
M2 Start	: 24	M2 End : 32	
Sample Replicates	: 1	Standard Replicates : 3	
Control Replicates	: 2	Control Interval : 0	
Reaction Direction	: Increasing	React. Abs. Limit : 1.500	
Prozone Limit %	: 0	Prozone check : Lower	
Linearity Limit %	: 0	Delta Abs/Min : 0.0000	
Technical minimum	: 2	Technical Maximum : 2000	
Y=aX+b	a= : 1	b= : 0	

SAMPLE VOLUMES

Normal	: 10
Increase	: 20
Decrease	: 5
Standard Volume	: 10

REAGENT VOLUMES AND STIRRER SPEED

RGT-1 Volume	: 240	R1 Stirrer Speed	: Medium
RGT-2 Volume	: 60	R2 Stirrer Speed	: Medium

Analyzer: XL-200Application: **CK-MB FL**Preparation: R1 - INSTALL LIQUID READY TO USE REAGENT A
R2 - INSTALL LIQUID READY TO USE REAGENT B

Storage: REFRIGERATE AT 2-8°C

Stability: AS INDICATED IN THE LABEL

TEST PARAMETERS

Test	: CKMB		
Report name	: CK-MB	Total Reagents	: 2
Unit	: U/l	Decimal Places	: 0
Wavelength-primary	: 340	Secondary	: 660
Assay type	: RATE-A	Curve Type	: Linear
M1 Start	: 0	M1 End	: 0
M2 Start	: 20	M2 End	: 36
Sample Replicates	: 1	Standard Replicates	: 3
Control Replicates	: 2	Control Interval	: 0
Reaction Direction	: Increasing	React. Abs. Limit	: 1.500
Prozone Limit %	: 0	Prozone check	: Lower
Linearity Limit %	: 0	Delta Abs/Min	: 0.0000
Technical minimum	: 0	Technical Maximum	: 2000
Y=aX+b	a= : 1	b=	: 0

SAMPLE VOLUMES

Normal	: 10
Increase	: 20
Decrease	: 5
Standard Volume	: 10

REAGENT VOLUMES AND STIRRER SPEED

RGT-1 Volume	: 240	R1 Stirrer Speed	: Medium
RGT-2 Volume	: 60	R2 Stirrer Speed	: Medium

Analyzer: XL-200Application: **COPPER**

Preparation: R1 - MIX REAGENT A + REAGENT B AS INDICATED IN INSERT SHEET

Storage: ROOM TEMPERATURE (AVOID REFRIGERATION!)

Stability: 2 WEEKS

TEST PARAMETERS

Test	: CU		
Report name	: Copper	Total Reagents	: 1
Unit	: µg/dl	Decimal Places	: 0
Wavelength-primary	: 570	Secondary	: 660
Assay type	: 1POINT	Curve Type	: Linear
M1 Start	: 0	M1 End	: 0
M2 Start	: 36	M2 End	: 36
Sample Replicates	: 1	Standard Replicates	: 3
Control Replicates	: 2	Control Interval	: 0
Reaction Direction	: Increasing	React. Abs. Limit	: 1.500
Prozone Limit %	: 0	Prozone check	: Lower
Linearity Limit %	: 0	Delta Abs/Min	: 0.0000
Technical minimum	: 10	Technical Maximum	: 500
Y=aX+b	a= : 1	b=	: 0
		Reagent Name R1	: CU R1
		Reagent Name R2	:

SAMPLE VOLUMES

Normal	: 20
Increase	: 30
Decrease	: 10
Standard Volume	: 20

REAGENT VOLUMES AND STIRRER SPEED

RGT-1 Volume	: 300	R1 Stirrer Speed	: Medium
RGT-2 Volume	: 60	R2 Stirrer Speed	:

Analyzer: XL-200Application: **CREATININE**Preparation: R1 - INSTALL LIQUID READY TO USE REAGENT B
R2 - INSTALL LIQUID READY TO USE REAGENT A

Storage: ROOM TEMPERATURE OR REFRIGERATE (2-30°C)

Stability: AS INDICATED IN THE LABEL

TEST PARAMETERS

Test	: CREA		
Report name	: Creatinine	Total Reagents	: 1
Unit	: mg/dl	Decimal Places	: 0
Wavelength-primary	: 505	Secondary	: 660
Assay type	: 2POINT	Curve Type	: Linear
M1 Start	: 19	M1 End	: 19
M2 Start	: 25	M2 End	: 25
Sample Replicates	: 1	Standard Replicates	: 3
Control Replicates	: 2	Control Interval	: 0
Reaction Direction	: Increasing	React. Abs. Limit	: 1.500
Prozone Limit %	: 0	Prozone check	: Lower
Linearity Limit %	: 0	Delta Abs/Min	: 0.0000
Technical minimum	: 0.3	Technical Maximum	: 20
Y=aX+b	a= : 1	b=	: 0
		Reagent Name R1	: CREA R1
		Reagent Name R2	: CREA R2

SAMPLE VOLUMES

Normal	: 20
Increase	: 30
Decrease	: 10
Standard Volume	: 20

REAGENT VOLUMES AND STIRRER SPEED

RGT-1 Volume	: 150	R1 Stirrer Speed	: Medium
RGT-2 Volume	: 150	R2 Stirrer Speed	:

Analyzer: XL-200Application: **GAMMA-GT FL**Preparation: R1 - INSTALL LIQUID READY TO USE REAGENT A
R2 - INSTALL LIQUID READY TO USE REAGENT B

Storage: REFRIGERATE AT 2-8°C

Stability: AS INDICATED IN THE LABEL

TEST PARAMETERS

Test	: GGT		
Report name	: Gamma-GT	Total Reagents	: 2
Unit	: U/l	Decimal Places	: 0
Wavelength-primary	: 405	Secondary	: 660
Assay type	: RATE-A	Curve Type	: Linear
M1 Start	: 0	M1 End	: 0
M2 Start	: 22	M2 End	: 34
Sample Replicates	: 1	Standard Replicates	: 3
Control Replicates	: 2	Control Interval	: 0
Reaction Direction	: Increasing	React. Abs. Limit	: 1.500
Prozone Limit %	: 0	Prozone check	: Lower
Linearity Limit %	: 0	Delta Abs/Min	: 0.0000
Technical minimum	: 5	Technical Maximum	: 800
Y=aX+b	a= : 1	b=	: 0

SAMPLE VOLUMES

Normal	: 15
Increase	: 30
Decrease	: 8
Standard Volume	: 15

REAGENT VOLUMES AND STIRRER SPEED

RGT-1 Volume	: 240	R1 Stirrer Speed	: Medium
RGT-2 Volume	: 60	R2 Stirrer Speed	: Medium

Analyzer: XL-200

Application: **GLUCOSE FL**
 Preparation: R1 - LIQUID READY TO USE SINGLE REAGENT
 Storage: REFRIGERATE AT 2-8°C
 Stability: AS INDICATED IN THE LABEL

TEST PARAMETERS

Test	: GLUC		
Report name	: Glucose		Total Reagents : 1
Unit	: mg/dl	Decimal Places : 0	Reagent Name R1 : GLUC R1
Wavelength-primary	: 505	Secondary : 660	Reagent Name R2 :
Assay type	: 1POINT	Curve Type : Linear	
M1 Start	: 0	M1 End : 0	
M2 Start	: 36	M2 End : 36	
Sample Replicates	: 1	Standard Replicates : 3	
Control Replicates	: 2	Control Interval : 0	
Reaction Direction	: Increasing	React. Abs. Limit : 1.500	
Prozone Limit %	: 0	Prozone check : Lower	
Linearity Limit %	: 0	Delta Abs/Min : 0.0000	
Technical minimum	: 10	Technical Maximum : 550	
Y=aX+b	a= : 1	b= : 0	

SAMPLE VOLUMES

Normal : 3
 Increase : 5
 Decrease : 2
 Standard Volume : 3

REAGENT VOLUMES AND STIRRER SPEED

RGT-1 Volume : 300 R1 Stirrer Speed : Medium
 RGT-2 Volume : 0 R2 Stirrer Speed :

Analyzer: XL-200Application: **GLUCOSE UV FL**Preparation: R1 - INSTALL LIQUID READY TO USE REAGENT A
R2 - INSTALL LIQUID READY TO USE REAGENT B

Storage: REFRIGERATE AT 2-8°C

Stability: AS INDICATED IN THE LABEL

TEST PARAMETERS

Test	: GLUC		
Report name	: Glucose UV	Total Reagents	: 2
Unit	: mg/dl	Decimal Places	: 0
Wavelength-primary	: 340	Secondary	: 660
Assay type	: 1POINT	Curve Type	: Linear
M1 Start	: 0	M1 End	: 0
M2 Start	: 36	M2 End	: 36
Sample Replicates	: 1	Standard Replicates	: 3
Control Replicates	: 2	Control Interval	: 0
Reaction Direction	: Increasing	React. Abs. Limit	: 1.500
Prozone Limit %	: 0	Prozone check	: Lower
Linearity Limit %	: 0	Delta Abs/Min	: 0.0000
Technical minimum	: 10	Technical Maximum	: 700
Y=aX+b	a= : 1	b=	: 0

SAMPLE VOLUMES

Normal	: 3
Increase	: 5
Decrease	: 2
Standard Volume	: 3

REAGENT VOLUMES AND STIRRER SPEED

RGT-1 Volume	: 240	R1 Stirrer Speed	: Medium
RGT-2 Volume	: 60	R2 Stirrer Speed	: Medium

Analyzer: XL-200Application: **GOT/AST FL**Preparation: R1 - INSTALL LIQUID READY TO USE REAGENT A
R2 - INSTALL LIQUID READY TO USE REAGENT B

Storage: REFRIGERATE AT 2-8°C

Stability: AS INDICATED IN THE LABEL

TEST PARAMETERS

Test	: GOT		
Report name	: GOT-AST	Total Reagents	: 2
Unit	: U/l	Decimal Places	: 0
Wavelength-primary	: 340	Secondary	: 660
Assay type	: RATE-A	Curve Type	: Linear
M1 Start	: 0	M1 End	: 0
M2 Start	: 22	M2 End	: 34
Sample Replicates	: 1	Standard Replicates	: 3
Control Replicates	: 2	Control Interval	: 0
Reaction Direction	: Decreasing	React. Abs. Limit	: 0.800
Prozone Limit %	: 0	Prozone check	: Lower
Linearity Limit %	: 0	Delta Abs/Min	: 0.0000
Technical minimum	: 2	Technical Maximum	: 440
Y=aX+b	a= : 1	b=	: 0

SAMPLE VOLUMES

Normal	: 15
Increase	: 30
Decrease	: 8
Standard Volume	: 15

REAGENT VOLUMES AND STIRRER SPEED

RGT-1 Volume	: 240	R1 Stirrer Speed	: Medium
RGT-2 Volume	: 60	R2 Stirrer Speed	: Medium

Analyzer: XL-200Application: **GPT/ALT FL**Preparation: R1 - INSTALL LIQUID READY TO USE REAGENT A
R2 - INSTALL LIQUID READY TO USE REAGENT B

Storage: REFRIGERATE AT 2-8°C

Stability: AS INDICATED IN THE LABEL

TEST PARAMETERS

Test	: GPT		
Report name	: GPT-ALT	Total Reagents	: 2
Unit	: U/l	Decimal Places	: 0
Wavelength-primary	: 340	Secondary	: 660
Assay type	: RATE-A	Curve Type	: Linear
M1 Start	: 0	M1 End	: 0
M2 Start	: 22	M2 End	: 34
Sample Replicates	: 1	Standard Replicates	: 3
Control Replicates	: 2	Control Interval	: 0
Reaction Direction	: Decreasing	React. Abs. Limit	: 0.800
Prozone Limit %	: 0	Prozone check	: Lower
Linearity Limit %	: 0	Delta Abs/Min	: 0.0000
Technical minimum	: 2	Technical Maximum	: 440
Y=aX+b	a= : 1	b=	: 0

SAMPLE VOLUMES

Normal	: 15
Increase	: 30
Decrease	: 8
Standard Volume	: 15

REAGENT VOLUMES AND STIRRER SPEED

RGT-1 Volume	: 240	R1 Stirrer Speed	: Medium
RGT-2 Volume	: 60	R2 Stirrer Speed	: Medium

Analyzer: XL-200Application: **IRON FZ**Preparation: R1 - INSTALL LIQUID READY TO USE REAGENT A
R2 - INSTALL LIQUID READY TO USE REAGENT B (preparation: read insert sheet)

Storage: REFRIGERATE AT 2-8°C

Stability: AS INDICATED IN THE LABEL

TEST PARAMETERS

Test	: IRON		
Report name	: Iron ferrozine	Total Reagents	: 2
Unit	: µg/dl	Decimal Places	: 1
Wavelength-primary	: 570	Secondary	: 660
Assay type	: 2POINT	Curve Type	: Linear
M1 Start	: 12	M1 End	: 12
M2 Start	: 36	M2 End	: 36
Sample Replicates	: 1	Standard Replicates	: 3
Control Replicates	: 2	Control Interval	: 0
Reaction Direction	: Increasing	React. Abs. Limit	: 1.500
Prozone Limit %	: 0	Prozone check	: Lower
Linearity Limit %	: 0	Delta Abs/Min	: 0.0000
Technical minimum	: 20	Technical Maximum	: 1000
Y=aX+b	a= : 1	b=	: 0

SAMPLE VOLUMES

Normal	: 40
Increase	: 50
Decrease	: 20
Standard Volume	: 40

REAGENT VOLUMES AND STIRRER SPEED

RGT-1 Volume	: 240	R1 Stirrer Speed	: High
RGT-2 Volume	: 60	R2 Stirrer Speed	: High

Analyzer: XL-200Application: **LDH FL**Preparation: R1 - INSTALL LIQUID READY TO USE REAGENT A
R2 - INSTALL LIQUID READY TO USE REAGENT B

Storage: REFRIGERATE AT 2-8°C

Stability: AS INDICATED IN THE LABEL

TEST PARAMETERS

Test	: LDH		
Report name	: LDH	Total Reagents	: 2
Unit	: U/l	Decimal Places	: 0
Wavelength-primary	: 340	Secondary	: 660
Assay type	: RATE-A	Curve Type	: Linear
M1 Start	: 0	M1 End	: 0
M2 Start	: 22	M2 End	: 34
Sample Replicates	: 1	Standard Replicates	: 3
Control Replicates	: 2	Control Interval	: 0
Reaction Direction	: Decreasing	React. Abs. Limit	: 0.800
Prozone Limit %	: 0	Prozone check	: Lower
Linearity Limit %	: 0	Delta Abs/Min	: 0.0000
Technical minimum	: 5	Technical Maximum	: 4000
Y=aX+b	a= : 1	b=	: 0

SAMPLE VOLUMES

Normal	: 3
Increase	: 6
Decrease	: 2
Standard Volume	: 3

REAGENT VOLUMES AND STIRRER SPEED

RGT-1 Volume	: 240	R1 Stirrer Speed	: Medium
RGT-2 Volume	: 60	R2 Stirrer Speed	: Medium

Analyzer: XL-200Application: **LIPASE FL**Preparation: R1 - INSTALL LIQUID READY TO USE REAGENT A
R2 - INSTALL LIQUID READY TO USE REAGENT B

Storage: REFRIGERATE AT 2-8°C

Stability: AS INDICATED IN THE LABEL

TEST PARAMETERS

Test	: LIP		
Report name	: Lipase		Total Reagents : 2
Unit	: U/l	Decimal Places : 0	Reagent Name R1 : LIP R1
Wavelength-primary	: 570	Secondary : 660	Reagent Name R2 : LIP R2
Assay type	: RATE-A	Curve Type : Linear	
M1 Start	: 0	M1 End : 0	
M2 Start	: 20	M2 End : 26	
Sample Replicates	: 1	Standard Replicates : 3	
Control Replicates	: 2	Control Interval : 0	
Reaction Direction	: Increasing	React. Abs. Limit : 1.400	
Prozone Limit %	: 0	Prozone check : Lower	
Linearity Limit %	: 0	Delta Abs/Min : 0.0000	
Technical minimum	: 1	Technical Maximum : 300	
Y=aX+b	a= : 1	b= : 0	

SAMPLE VOLUMES

Normal	: 5
Increase	: 10
Decrease	: 3
Standard Volume	: 5

REAGENT VOLUMES AND STIRRER SPEED

RGT-1 Volume	: 240	R1 Stirrer Speed	: Medium
RGT-2 Volume	: 60	R2 Stirrer Speed	: Medium

Analyzer: XL-200Application: **MAGNESIUM**Preparation: R1 - INSTALL LIQUID READY TO USE REAGENT B
R2 - INSTALL LIQUID READY TO USE REAGENT A

Storage: ROOM TEMPERATURE OR REFRIGERATE (2-30°C)

Stability: AS INDICATED IN THE LABEL

TEST PARAMETERS

Test	: MG		
Report name	: Magnesium calmagite	Total Reagents	: 2
Unit	: mEq/l	Decimal Places	: 1
Wavelength-primary	: 505	Secondary	: 660
Assay type	: 2POINT	Curve Type	: Linear
M1 Start	: 12	M1 End	: 12
M2 Start	: 26	M2 End	: 26
Sample Replicates	: 1	Standard Replicates	: 3
Control Replicates	: 2	Control Interval	: 0
Reaction Direction	: Increasing	React. Abs. Limit	: 2.000
Prozone Limit %	: 0	Prozone check	: Lower
Linearity Limit %	: 0	Delta Abs/Min	: 0.0000
Technical minimum	: 0.2	Technical Maximum	: 8.0
Y=aX+b	a= : 1	b=	: 0

SAMPLE VOLUMES

Normal	: 3
Increase	: 6
Decrease	: 2
Standard Volume	: 3

REAGENT VOLUMES AND STIRRER SPEED

RGT-1 Volume	: 150	R1 Stirrer Speed	: Medium
RGT-2 Volume	: 150	R2 Stirrer Speed	: Medium

Analyzer: XL-200

Application: **MAGNESIUM XL**
 Preparation: R1 - LIQUID READY TO USE SINGLE REAGENT
 Storage: REFRIGERATE AT 2-8°C
 Stability: AS INDICATED IN THE LABEL

TEST PARAMETERS

Test	: MX		
Report name	: Magnesium Xylblue	Total Reagents	: 1
Unit	: mEq/l	Decimal Places	: 1
Wavelength-primary	: 546	Secondary	: 660
Assay type	: 1POINT	Curve Type	: Linear
M1 Start	: 0	M1 End	: 0
M2 Start	: 10	M2 End	: 10
Sample Replicates	: 1	Standard Replicates	: 3
Control Replicates	: 2	Control Interval	: 0
Reaction Direction	: Increasing	React. Abs. Limit	: 2.000
Prozone Limit %	: 0	Prozone check	: Lower
Linearity Limit %	: 0	Delta Abs/Min	: 0.0000
Technical minimum	: 0.2	Technical Maximum	: 6.0
Y=aX+b	a= : 1	b=	: 0
		Reagent Name R1	: MG R1
		Reagent Name R2	:

SAMPLE VOLUMES

Normal : 3
 Increase : 6
 Decrease : 2
 Standard Volume : 3

REAGENT VOLUMES AND STIRRER SPEED

RGT-1 Volume : 300 R1 Stirrer Speed : Medium
 RGT-2 Volume : R2 Stirrer Speed :

Analyzer: XL-200Application: **PHOSPHORUS**

Preparation: R1 - LIQUID READY TO USE SINGLE REAGENT

Storage: REFRIGERATE AT 2-8°C

Stability: AS INDICATED IN INSERT SHEET

TEST PARAMETERS

Test	: PHOS		
Report name	: Phosphorus	Total Reagents	: 1
Unit	: mg/dl	Decimal Places	: 1
Wavelength-primary	: 340	Secondary	: 660
Assay type	: 1POINT	Curve Type	: Linear
M1 Start	: 0	M1 End	: 0
M2 Start	: 20	M2 End	: 20
Sample Replicates	: 1	Standard Replicates	: 3
Control Replicates	: 2	Control Interval	: 0
Reaction Direction	: Increasing	React. Abs. Limit	: 1.500
Prozone Limit %	: 0	Prozone check	: Lower
Linearity Limit %	: 0	Delta Abs/Min	: 0.0000
Technical minimum	: 0.2	Technical Maximum	: 20.0
Y=aX+b	a= : 1	b=	: 0
		Reagent Name R1	: PHOS R1
		Reagent Name R2	:

SAMPLE VOLUMES

Normal	: 3
Increase	: 6
Decrease	: 2
Standard Volume	: 3

REAGENT VOLUMES AND STIRRER SPEED

RGT-1 Volume	: 300	R1 Stirrer Speed	: Medium
RGT-2 Volume	:	R2 Stirrer Speed	:

Analyzer: XL-200Application: **PROTEINS HS**

Preparation: R1 - LIQUID READY TO USE SINGLE REAGENT

Storage: ROOM TEMPERATURE OR REFRIGERATE (2-30°C)

Stability: AS INDICATED IN THE LABEL

TEST PARAMETERS

Test	: HSP		
Report name	: Proteins HS	Total Reagents	: 1
Unit	: mg/dl	Decimal Places	: 1
Wavelength-primary	: 630	Secondary	: 0
Assay type	: 1POINT	Curve Type	: Linear
M1 Start	: 0	M1 End	: 0
M2 Start	: 36	M2 End	: 36
Sample Replicates	: 1	Standard Replicates	: 3
Control Replicates	: 2	Control Interval	: 0
Reaction Direction	: Increasing	React. Abs. Limit	: 1.500
Prozone Limit %	: 0	Prozone check	: Lower
Linearity Limit %	: 0	Delta Abs/Min	: 0.0000
Technical minimum	: 0	Technical Maximum	: 500.0
Y=aX+b	a= : 1	b=	: 0
		Reagent Name R1	: HSP R1
		Reagent Name R2	:

SAMPLE VOLUMES

Normal	: 2
Increase	: 4
Decrease	: 2
Standard Volume	: 2

REAGENT VOLUMES AND STIRRER SPEED

RGT-1 Volume	: 300	R1 Stirrer Speed	: Medium
RGT-2 Volume	:	R2 Stirrer Speed	:

Analyzer: XL-200

Application: **TOTAL PROTEINS**
 Preparation: R1 - LIQUID READY TO USE SINGLE REAGENT
 Storage: REFRIGERATE AT 2-8°C
 Stability: AS INDICATED IN THE LABEL

TEST PARAMETERS

Test	: TP		
Report name	: Total proteins	Total Reagents	: 1
Unit	: g/dl	Decimal Places	: 1
Wavelength-primary	: 546	Secondary	: 660
Assay type	: 1POINT	Curve Type	: Linear
M1 Start	: 0	M1 End	: 0
M2 Start	: 36	M2 End	: 36
Sample Replicates	: 1	Standard Replicates	: 3
Control Replicates	: 2	Control Interval	: 0
Reaction Direction	: Increasing	React. Abs. Limit	: 1.500
Prozone Limit %	: 0	Prozone check	: Lower
Linearity Limit %	: 0	Delta Abs/Min	: 0.0000
Technical minimum	: 1.0	Technical Maximum	: 12.0
Y=aX+b	a= : 1	b=	: 0
		Reagent Name R1	: TP R1
		Reagent Name R2	:

SAMPLE VOLUMES

Normal : 3
 Increase : 6
 Decrease : 2
 Standard Volume : 3

REAGENT VOLUMES AND STIRRER SPEED

RGT-1 Volume : 300 R1 Stirrer Speed : Medium
 RGT-2 Volume : R2 Stirrer Speed :

Analyzer: XL-200

Application: **TRIGLYCERIDES FL**
 Preparation: R1 - LIQUID READY TO USE SINGLE RAGENT
 Storage: REFRIGERATE AT 2-8°C
 Stability: AS INDICATED IN THE LABEL

TEST PARAMETERS

Test	: TRIG		
Report name	: Triglycerides	Total Reagents	: 1
Unit	: mg/dl	Decimal Places	: 0
Wavelength-primary	: 505	Secondary	: 660
Assay type	: 1POINT	Curve Type	: Linear
M1 Start	: 0	M1 End	: 0
M2 Start	: 36	M2 End	: 36
Sample Replicates	: 1	Standard Replicates	: 3
Control Replicates	: 2	Control Interval	: 0
Reaction Direction	: Increasing	React. Abs. Limit	: 1.500
Prozone Limit %	: 0	Prozone check	: Lower
Linearity Limit %	: 0	Delta Abs/Min	: 0.0000
Technical minimum	: 10	Technical Maximum	: 1000
Y=aX+b	a= : 1	b=	: 0
		Reagent Name R1	: TRIG R1
		Reagent Name R2	:

SAMPLE VOLUMES

Normal	: 3
Increase	: 5
Decrease	: 2
Standard Volume	: 3

REAGENT VOLUMES AND STIRRER SPEED

RGT-1 Volume	: 300	R1 Stirrer Speed	: Medium
RGT-2 Volume	: 0	R2 Stirrer Speed	:

Analyzer: XL-200Application: **UREA UV FL**Preparation: R1 - INSTALL LIQUID READY TO USE REAGENT A
R2 - INSTALL LIQUID READY TO USE REAGENT B

Storage: REFRIGERATE AT 2-8°C

Stability: AS INDICATED IN THE LABEL

TEST PARAMETERS

Test	: UREA		
Report name	: Urea	Total Reagents	: 2
Unit	: mg/dl	Decimal Places	: 0
Wavelength-primary	: 340	Secondary	: 660
Assay type	: 2POINT	Curve Type	: Linear
M1 Start	: 14	M1 End	: 14
M2 Start	: 21	M2 End	: 21
Sample Replicates	: 1	Standard Replicates	: 3
Control Replicates	: 2	Control Interval	: 0
Reaction Direction	: Decreasing	React. Abs. Limit	: 0.800
Prozone Limit %	: 0	Prozone check	: Lower
Linearity Limit %	: 0	Delta Abs/Min	: 0.0000
Technical minimum	: 2	Technical Maximum	: 300
Y=aX+b	a= : 1	b=	: 0

SAMPLE VOLUMES

Normal	: 3
Increase	: 5
Decrease	: 2
Standard Volume	: 3

REAGENT VOLUMES AND STIRRER SPEED

RGT-1 Volume	: 240	R1 Stirrer Speed	: Medium
RGT-2 Volume	: 60	R2 Stirrer Speed	: Medium

Analyzer: XL-200Application: **URIC ACID T FL**

Preparation: R1 - MIX REAGENT A + REAGENT B AS INDICATED IN INSERT SHEET

Storage: REFRIGERATE AT 2-8°C

Stability: 90 DAYS

TEST PARAMETERS

Test	: URIC		
Report name	: Uric acid	Total Reagents	: 1
Unit	: mg/dl	Decimal Places	: 1
Wavelength-primary	: 546	Secondary	: 660
Assay type	: 1POINT	Curve Type	: Linear
M1 Start	: 0	M1 End	: 0
M2 Start	: 20	M2 End	: 20
Sample Replicates	: 1	Standard Replicates	: 3
Control Replicates	: 2	Control Interval	: 0
Reaction Direction	: Increasing	React. Abs. Limit	: 1.400
Prozone Limit %	: 0	Prozone check	: Lower
Linearity Limit %	: 0	Delta Abs/Min	: 0.0000
Technical minimum	: 1.0	Technical Maximum	: 25.0
Y=aX+b	a= : 1	b=	: 0
		Reagent Name R1	: URIC R1
		Reagent Name R2	:

SAMPLE VOLUMES

Normal	: 10
Increase	: 20
Decrease	: 5
Standard Volume	: 10

REAGENT VOLUMES AND STIRRER SPEED

RGT-1 Volume	: 300	R1 Stirrer Speed	: Medium
RGT-2 Volume	:	R2 Stirrer Speed	:

Analyzer: XL-200Application: **URIC ACID AOX FL**Preparation: R1 - INSTALL LIQUID READY TO USE REAGENT A
R2 - INSTALL LIQUID READY TO USE REAGENT B

Storage: REFRIGERATE AT 2-8°C

Stability: AS INDICATED IN THE LABEL

TEST PARAMETERS

Test	: URIC		
Report name	: Uric acid AOX	Total Reagents	: 2
Unit	: mg/dl	Decimal Places	: 1
Wavelength-primary	: 546	Secondary	: 660
Assay type	: 2POINT	Curve Type	: Linear
M1 Start	: 10	M1 End	: 10
M2 Start	: 36	M2 End	: 36
Sample Replicates	: 1	Standard Replicates	: 3
Control Replicates	: 2	Control Interval	: 0
Reaction Direction	: Increasing	React. Abs. Limit	: 1.400
Prozone Limit %	: 0	Prozone check	: Lower
Linearity Limit %	: 0	Delta Abs/Min	: 0.0000
Technical minimum	: 1.0	Technical Maximum	: 35.0
Y=aX+b	a= : 1	b=	: 0

SAMPLE VOLUMES

Normal	: 15
Increase	: 30
Decrease	: 6
Standard Volume	: 15

REAGENT VOLUMES AND STIRRER SPEED

RGT-1 Volume	: 240	R1 Stirrer Speed	: Medium
RGT-2 Volume	: 60	R2 Stirrer Speed	: Medium

Analyzer: XL-200Application: **ZINC**

Preparation: R1 - MIX REAGENT A + REAGENT B AS INDICATED IN INSERT SHEET

Storage: REFRIGERATE AT 2-8°C

Stability: 2 WEEKS

TEST PARAMETERS

Test	: ZN		
Report name	: Zinc	Total Reagents	: 1
Unit	: µg/dl	Decimal Places	: 0
Wavelength-primary	: 570	Secondary	: 660
Assay type	: 1POINT	Curve Type	: Linear
M1 Start	: 0	M1 End	: 0
M2 Start	: 36	M2 End	: 36
Sample Replicates	: 1	Standard Replicates	: 3
Control Replicates	: 2	Control Interval	: 0
Reaction Direction	: Increasing	React. Abs. Limit	: 1.400
Prozone Limit %	: 0	Prozone check	: Lower
Linearity Limit %	: 0	Delta Abs/Min	: 0.0000
Technical minimum	: 10	Technical Maximum	: 1000
Y=aX+b	a= : 1	b=	: 0
		Reagent Name R1	: ZN R1
		Reagent Name R2	:

SAMPLE VOLUMES

Normal	: 12
Increase	: 24
Decrease	: 6
Standard Volume	: 12

REAGENT VOLUMES AND STIRRER SPEED

RGT-1 Volume	: 300	R1 Stirrer Speed	: Medium
RGT-2 Volume	:	R2 Stirrer Speed	: