Cobas Mira instructions

rev 401.0.2 - 2010-07-20

Chema DIAGNOSTICA

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Cobas Mira 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: Cobas Mira

Application: **ACID PHOSPHATASE (TOTAL)** - Codes AC 0120 TC
Preparation: POWDER SINGLE REAGENT. FOLLOW PREPARATION PROGRAM INDICATED IN INSERT SHEET.
Storage: REFRIGERATE AT 2-8°C
Stability: 10 DAYS

PROGRAM

GENERAL

MEASUREMENT MODE:	ABSORB
REACTION MODE:	R-S
CALIBRATION MODE:	FACTOR
REAGENT BLANK:	REAG/DIL
CLEANER:	NO
WAVELENGHT:	405 nm
DECIMAL POSITION:	2
UNIT:	U/L

ANALYSIS

SAMPLE DIL. NAME:	H2O
POST. DIL. FACTOR:	2.00
CONC. FACTOR:	NO

SAMPLE		CYCLE:	1
VOL:	25.0 µl	DIL:	25.0 µl

REAGENT		CYCLE:	1
VOL:	225 µl		

CALCULATION

SAMPLE	LIMIT:	NO
REAC. DIRECTION:		INCREASE
CHECK:		ON
CONVERS.	FACTOR:	1.0000
	OFFSET:	0.0000
TEST RANGE LOW:		0 U/L
	HIGH:	60 U/L
NORM. RANGE LOW:		NO
	HIGH:	NO
NUMBER OF STEPS:		1
CALC. STEP A:		KINETIC
READINGS	FIRST:	10 LAST: 20
REACTION LIMIT:		0.9000 ΔA
	POINT:	T1

CALIBRATION

CALIB. INTERVAL:	ON REQUEST
REAGENT BLANK	
REAG. RANGE LOW:	NO
HIGH:	NO
BLANK RANGE LOW:	NO
HIGH:	NO
FACTOR:	1421

CONTROL

CS1 POS:	UTIL. DEF.
CS2 POS:	UTIL. DEF.
CS3 POS:	UTIL. DEF.

Analyzer: Cobas Mira

Application: **ACID PHOSPHATASE (NON PROSTATIC)** - Codes AC 0120 TC
Preparation: POWDER SINLE REAGENT. FOLLOW PREPARATION PROGRAM INDICATED IN INSERT SHEET. ADD THE RIGHT QUANTITY OF L-TARTRATE.
Storage: REFRIGERATE AT 2-8°C
Stability: 10 DAYS

PROGRAM

GENERAL

MEASUREMENT MODE:	ABSORB
REACTION MODE:	R-S
CALIBRATION MODE:	FACTOR
REAGENT BLANK:	REAG/DIL
CLEANER:	NO
WAVELENGHT:	405 nm
DECIMAL POSITION:	2
UNIT:	U/L

ANALYSIS

SAMPLE DIL. NAME:	H2O		
POST. DIL. FACTOR:	2.00		
CONC. FACTOR:	NO		
SAMPLE		CYCLE:	1
VOL:	25.0 µl	DIL:	25.0 µl
REAGENT		CYCLE:	1
VOL:	225 µl		

CALCULATION

SAMPLE	LIMIT:	NO	
REAC. DIRECTION:		INCREASE	
CHECK:		ON	
CONVERS.	FACTOR:	1.0000	
	OFFSET:	0.0000	
TEST RANGE LOW:		0	U/L
	HIGH:	60	U/L
NORM. RANGE LOW:		NO	
	HIGH:	NO	
NUMBER OF STEPS:		1	
CALC. STEP A:		KINETIC	
READINGS	FIRST:	10	LAST: 20
REACTION LIMIT:		0.9000 ΔA	
	POINT:	T1	

CALIBRATION

CALIB. INTERVAL:	ON REQUEST
REAGENT BLANK	
REAG. RANGE LOW:	NO
HIGH:	NO
BLANK RANGE LOW:	NO
HIGH:	NO
FACTOR:	1421

CONTROL

CS1 POS:	UTIL. DEF.
CS2 POS:	UTIL. DEF.
CS3 POS:	UTIL. DEF.

Analyzer: Cobas Mira

Application: **ALBUMIN** - Codes BC BC 0100 / 0500 / 1000 / 1500 CH
Preparation: LIQUID READY TO USE SINGLE REAGENT
Storage: ROOM TEMPERATURE (2-30°C)
Stability: UP TO DECLARED EXPIRATION ON REAGENT LABEL

PROGRAM

GENERAL

MEASUREMENT MODE:	ABSORB
REACTION MODE:	R-S
CALIBRATION MODE:	SLOPE AVG
REAGENT BLANK:	REAG/DIL
CLEANER:	NO
WAVELENGHT:	600 nm
DECIMAL POSITION:	1
UNIT:	g/dl

ANALYSIS

SAMPLE DIL. NAME:	H2O
POST. DIL. FACTOR:	2.00
CONC. FACTOR:	NO

SAMPLE CYCLE: 1
VOL: 3.0 µl DIL: 20.0 µl

REAGENT CYCLE: 1
VOL: 250 µl

CALCULATION

SAMPLE	LIMIT:	0.1000 ΔA
	POINT:	T1
REAC. DIRECTION:		INCREASE
CHECK:		ON
CONVERS.	FACTOR:	1.0000
	OFFSET:	0.0000
TEST RANGE LOW:		0.0 g/dl
	HIGH:	6.0 g/dl
NORM. RANGE LOW:		4.2 g/dl
	HIGH:	5.5 g/dl
NUMBER OF STEPS:		1
CALC. STEP A:		ENDPOINT
READINGS FIRST:		CB LAST: 6

CALIBRATION

CALIB. INTERVAL:	ON REQUEST

REAGENT BLANK

REAG. RANGE LOW:	-0.0500 A
HIGH:	0.3200 A
BLANK RANGE LOW:	-0.0500 A
HIGH:	0.1000 A

CALIBRATOR CUP POS: 1
CAL-1: UTIL. DEF

REPLICATE: TRIPL.
DEVIATION: 6%

CONTROL

CS1 POS: UTIL. DEF.

CS2 POS: UTIL. DEF.

CS3 POS: UTIL. DEF.

Analyzer: Cobas Mira

Application: **ALKALINE PHOSPHATASE DGKC FL** - Codes AL F080 / F245 / F400 / F600 CH
Preparation: AS INDICATED IN INSERT SHEET
Storage: REFRIGERATE AT 2-8°C
Stability: 30 DAYS

PROGRAM

GENERAL

MEASUREMENT MODE:	ABSORB
REACTION MODE:	R-S
CALIBRATION MODE:	FACTOR
REAGENT BLANK:	REAG/DIL
CLEANER:	NO
WAVELENGHT:	405 nm
DECIMAL POSITION:	0
UNIT:	U/L

ANALYSIS

SAMPLE DIL. NAME:	H2O
POST. DIL. FACTOR:	5.00
CONC. FACTOR:	NO

SAMPLE		CYCLE:	1
VOL:	5.0 µl	DIL:	10.0 µl

REAGENT		CYCLE:	1
VOL:	240 µl		

CALCULATION

SAMPLE	LIMIT:	0.2000 ΔA	
	POINT:	T1	
REAC. DIRECTION:		INCREASE	
CHECK:		ON	
CONVERS.	FACTOR:	1.0000	
	OFFSET:	0.0000	
TEST RANGE LOW:		0	U/L
	HIGH:	2800	U/L
NORM. RANGE LOW:		0	U/L
	HIGH:	270	U/L
NUMBER OF STEPS:		1	
CALC. STEP A:		KINETIC	
READINGS	FIRST:	4	LAST: 8
REACTION LIMIT:		0.4300 ΔA	
	POINT:	T1	

CALIBRATION

CALIB. INTERVAL:	ON REQUEST
REAGENT BLANK	
REAG. RANGE LOW:	-0.0500 A
HIGH:	1.0000 A
BLANK RANGE LOW:	-0.0100 A
HIGH:	0.0100 A
FACTOR:	4595

CONTROL

CS1 POS:	UTIL. DEF.
CS2 POS:	UTIL. DEF.
CS3 POS:	UTIL. DEF.

Analyzer: Cobas Mira

Application: **ALKALINE PHOSPHATASE IFCC FL** - Codes AF F080 / F245 / F400 / F600 CH
Preparation: AS INDICATED IN INSERT SHEET
Storage: REFRIGERATE AT 2-8°C
Stability: 30 DAYS

PROGRAM

GENERAL

MEASUREMENT MODE:	ABSORB
REACTION MODE:	R-S
CALIBRATION MODE:	FACTOR
REAGENT BLANK:	REAG/DIL
CLEANER:	NO
WAVELENGHT:	405 nm
DECIMAL POSITION:	0
UNIT:	U/L

ANALYSIS

SAMPLE DIL. NAME:	H2O
POST. DIL. FACTOR:	2.00
CONC. FACTOR:	NO

SAMPLE		CYCLE:	1
VOL:	5.0 µl	DIL:	10.0 µl

REAGENT		CYCLE:	1
VOL:	240 µl		

CALCULATION

SAMPLE	LIMIT:	0.2000 ΔA
	POINT:	T1
REAC. DIRECTION:		INCREASE
CHECK:		ON

CONVERS.	FACTOR:	1.0000
	OFFSET:	0.0000

TEST RANGE LOW:	0	U/L
HIGH:	3000	U/L
NORM. RANGE LOW:	35	U/L
HIGH:	104	U/L

NUMBER OF STEPS: 1

CALC. STEP A:		KINETIC		
READINGS	FIRST:	3	LAST:	9
REACTION LIMIT:		0.4300 ΔA		
	POINT:	T1		

CALIBRATION

CALIB. INTERVAL:	ON REQUEST

REAGENT BLANK	
REAG. RANGE LOW:	-0.0500 A
HIGH:	1.0000 A
BLANK RANGE LOW:	-0.0100 A
HIGH:	0.0100 A

FACTOR: 4595

CONTROL

CS1 POS:	UTIL. DEF.
CS2 POS:	UTIL. DEF.
CS3 POS:	UTIL. DEF.

Analyzer: Cobas Mira

Application: **AMYLASE FL** - Codes AM F060 / F120 / F245 CH
Preparation: LIQUID READY TO USE SINGLE REAGENT
Storage: REFRIGERATE AT 2-8°C
Stability: UP TO DECLARED EXPIRATION ON REAGENT LABEL

PROGRAM

GENERAL

MEASUREMENT MODE:	ABSORB
REACTION MODE:	R-S
CALIBRATION MODE:	FACTOR
REAGENT BLANK:	REAG/DIL
CLEANER:	NO
WAVELENGHT:	405 nm
DECIMAL POSITION:	0
UNIT:	U/L

ANALYSIS

SAMPLE DIL. NAME:	H2O
POST. DIL. FACTOR:	2.00
CONC. FACTOR:	NO

SAMPLE		CYCLE:	1
VOL:	7.0 µl	DIL:	20 µl

REAGENT		CYCLE:	1
VOL:	260 µl		

CALCULATION

SAMPLE	LIMIT:	0.1500 ΔA	
	POINT:	T1	
REAC. DIRECTION:		INCREASE	
CHECK:		ON	
CONVERS.	FACTOR:	1.0000	
	OFFSET:	0.0000	
TEST RANGE LOW:		0	U/L
	HIGH:	2000	U/L
NORM. RANGE LOW:		0	U/L
	HIGH:	96	U/L
NUMBER OF STEPS:		1	
CALC. STEP A:		KINETIC	
READINGS	FIRST:	3	LAST: 7
REACTION LIMIT:		0.4000 ΔA	
	POINT:	T1	

CALIBRATION

CALIB. INTERVAL:	ON REQUEST
REAGENT BLANK	
REAG. RANGE LOW:	-0.0500 A
HIGH:	0.2000 A
BLANK RANGE LOW:	-0.0100 A
HIGH:	0.0100 A
FACTOR:	5296

CONTROL

CS1 POS:	UTIL. DEF.
CS2 POS:	UTIL. DEF.
CS3 POS:	UTIL. DEF.

Analyzer: Cobas Mira

Application: **AMYLASE EPS FL** - Codes EA F080 / F245 CH
Preparation: AS INDICATED IN INSERT SHEET
Storage: REFRIGERATE AT 2-8°C
Stability: 30 DAYS

PROGRAM

GENERAL

MEASUREMENT MODE:	ABSORB
REACTION MODE:	R-S
CALIBRATION MODE:	FACTOR
REAGENT BLANK:	REAG/DIL
CLEANER:	NO
WAVELENGHT:	405 nm
DECIMAL POSITION:	0
UNIT:	U/L

ANALYSIS

SAMPLE DIL. NAME:	H2O
POST. DIL. FACTOR:	5.00
CONC. FACTOR:	NO

SAMPLE CYCLE: 1
VOL: 8.0 µl DIL: 20.0 µl

REAGENT CYCLE: 1
VOL: 220 µl

CALCULATION

SAMPLE	LIMIT:	NO
REAC. DIRECTION:		INCREASE
CHECK:		ON
CONVERS.	FACTOR:	1.0000
	OFFSET:	0.0000
TEST RANGE LOW:		0 U/L
	HIGH:	1500 U/L
NORM. RANGE LOW:		28 U/L
	HIGH:	100 U/L
NUMBER OF STEPS:		1
CALC. STEP A:		KINETIC
READINGS	FIRST:	8 LAST: 16
REACTION LIMIT:		NO

CALIBRATION

CALIB. INTERVAL:	ON REQUEST
REAGENT BLANK	
REAG. RANGE LOW:	-0.0700 A
HIGH:	0.8000 A
BLANK RANGE LOW:	-0.0100 A
HIGH:	0.0200 A
FACTOR:	5800

CONTROL

CS1 POS:	UTIL. DEF.
CS2 POS:	UTIL. DEF.
CS3 POS:	UTIL. DEF.

Analyzer: Cobas Mira

Application: **PANCREATIC ISOAMYLASE FL** - Code PA F080 / F245 CH
Preparation: REAGENT A - INSTALL AS "REAGENT"
REAGENT B - INSTALL AS "START REAGENT 1"
Storage: REFRIGERATE AT 2-8°C
Stability: UP TO DECLARED EXPIRATION ON REAGENT LABEL

PROGRAM

GENERAL

MEASUREMENT MODE:	ABSORB
REACTION MODE:	R-S-SR1
CALIBRATION MODE:	FACTOR
REAGENT BLANK:	REAG/DIL
CLEANER:	NO
WAVELENGHT:	405 nm
DECIMAL POSITION:	0
UNIT:	U/L

ANALYSIS

SAMPLE DIL. NAME:	H2O
POST. DIL. FACTOR:	2.00
CONC. FACTOR:	NO

SAMPLE		CYCLE:	1
VOL:	6 µl	DIL:	10.0 µl

REAGENT		CYCLE:	1
VOL:	230 µl		

START REAGENT 1:		CYCLE:	10
VOL:	50 µl	DIL:	10.0 µl

CALCULATION

SAMPLE	LIMIT:	0.1500 ΔA
	POINT:	T1
REAC. DIRECTION:		INCREASE
CHECK:		ON

CONVERS.	FACTOR:	1.0000
	OFFSET:	0.0000

TEST RANGE LOW:	0	U/L
HIGH:	2500	U/L
NORM. RANGE LOW:	13	U/L
HIGH:	53	U/L

NUMBER OF STEPS: 1

CALC. STEP A:		KINETIC		
READINGS	FIRST:	12	LAST:	18
REACTION LIMIT:		0.4000 ΔA		
	POINT:	12		

CALIBRATION

CALIB. INTERVAL:	ON REQUEST

REAGENT BLANK	
REAG. RANGE LOW:	-0.0500 A
HIGH:	0.2000 A
BLANK RANGE LOW:	-0.0100 A
HIGH:	0.0100 A

FACTOR: 10460

CONTROL

CS1 POS:	UTIL. DEF.
CS2 POS:	UTIL. DEF.
CS3 POS:	UTIL. DEF.

Analyzer: Cobas Mira

Application: **BICARBONATE FL** - Codes BR F060 / F245 / F400 CH
Preparation: AS INDICATED IN INSERT SHEET
Storage: REFRIGERATE AT 2-8°C
Stability: 30 DAYS

PROGRAM

GENERAL

MEASUREMENT MODE:	ABSORB
REACTION MODE:	R-S
CALIBRATION MODE:	SLOPE AVG
REAGENT BLANK:	REAG/DIL
CLEANER:	NO
WAVELENGHT:	405 nm
DECIMAL POSITION:	1
UNIT:	mmol/l

ANALYSIS

SAMPLE DIL. NAME:	H2O
POST. DIL. FACTOR:	2.00
CONC. FACTOR:	NO

SAMPLE		CYCLE:	1
VOL:	3.0 µl	DIL:	10.0 µl

REAGENT		CYCLE:	1
VOL:	300 µl		

CALCULATION

SAMPLE	LIMIT:	0.1000 ΔA	
	POINT:	T1	
REAC. DIRECTION:		DECREASE	
CHECK:		ON	

CONVERS.	FACTOR:	1.0000	
	OFFSET:	0.0000	

TEST RANGE LOW:		0.00	mmol/l
	HIGH:	50.00	mmol/l
NORM. RANGE LOW:		8.60	mmol/l
	HIGH:	10.30	mmol/l

NUMBER OF STEPS: 1

CALC. STEP A:		ENDPOINT		
READINGS	FIRST:	CB	LAST:	6

CALIBRATION

CALIB. INTERVAL:	ON REQUEST

REAGENT BLANK	
REAG. RANGE LOW:	0.4000 A
HIGH:	1.6000 A
BLANK RANGE LOW:	-0.2000 A
HIGH:	0.2000 A

CALIBRATOR		CUP POS:	1
CAL-1:		UTIL. DEF	

REPLICATE:	TRIPL.
DEVIATION:	6%

CONTROL

CS1 POS:	UTIL. DEF.
CS2 POS:	UTIL. DEF.
CS3 POS:	UTIL. DEF.

Analyzer: Cobas Mira

Application: **BILIRUBIN TOTAL FL** - Code DT F125 / F500 CH
Preparation: REAGENT A - INSTALL AS "REAGENT"
REAGENT B - INSTALL AS "START REAGENT 1"
Storage: REFRIGERATE AT 2-8°C
Stability: UP TO DECLARED EXPIRATION ON REAGENT LABEL

PROGRAM

GENERAL

MEASUREMENT MODE:	ABSORB
REACTION MODE:	R-S-SR1
CALIBRATION MODE:	SLOPE AVG
REAGENT BLANK:	REAG/DIL
CLEANER:	NO
WAVELENGHT:	500 nm
DECIMAL POSITION:	2
UNIT:	mg/dl

ANALYSIS

SAMPLE DIL. NAME:	H2O
POST. DIL. FACTOR:	2.00
CONC. FACTOR:	NO

SAMPLE		CYCLE:	1
VOL:	10.0 µl	DIL:	10.0 µl

REAGENT		CYCLE:	1
VOL:	200 µl		

START REAGENT 1:		CYCLE:	13
VOL:	50 µl	DIL:	10.0 µl

CALCULATION

SAMPLE	LIMIT:	0.5000 ΔA
	POINT:	1
REAC. DIRECTION:		INCREASE
CHECK:		ON

CONVERS.	FACTOR:	1.0000
	OFFSET:	0.0000

TEST RANGE LOW:	0	mg/dl
HIGH:	20	mg/dl
NORM. RANGE LOW:	0.2	mg/dl
HIGH:	1.0	mg/dl

NUMBER OF STEPS: 1

CALC. STEP A:		ENDPOINT	
READINGS	FIRST: 5	LAST:	14
REACTION LIMIT:		NO	

CALIBRATION

CALIB. INTERVAL:		ON REQUEST
REAGENT BLANK		
REAG. RANGE LOW:		NO
HIGH:		NO
BLANK RANGE LOW:		NO
HIGH:		NO
CALIBRATOR	CUP POS:	DEF
CAL-1:	UTIL. DEF	

REPLICATE:	TRIPL.
DEVIATION:	3%

CONTROL

CS1 POS:	UTIL. DEF.
CS2 POS:	UTIL. DEF.
CS3 POS:	UTIL. DEF.

Analyzer: Cobas Mira

Application: **BILIRUBIN DIRECT FL** - Code DD F125 / F500 CH
Preparation: REAGENT A - INSTALL AS "REAGENT"
REAGENT B - INSTALL AS "START REAGENT 1"
Storage: REFRIGERATE AT 2-8°C
Stability: UP TO DECLARED EXPIRATION ON REAGENT LABEL

PROGRAM

GENERAL

MEASUREMENT MODE:	ABSORB
REACTION MODE:	R-S-SR1
CALIBRATION MODE:	SLOPE AVG
REAGENT BLANK:	REAG/DIL
CLEANER:	NO
WAVELENGHT:	550 nm
DECIMAL POSITION:	2
UNIT:	mg/dl

ANALYSIS

SAMPLE DIL. NAME:	H2O		
POST. DIL. FACTOR:	2.00		
CONC. FACTOR:	NO		
SAMPLE		CYCLE:	1
VOL:	10.0 µl	DIL:	10.0 µl
REAGENT		CYCLE:	1
VOL:	200 µl		
START REAGENT 1:		CYCLE:	12
VOL:	50 µl	DIL:	10.0 µl

CALCULATION

SAMPLE	LIMIT:	0.5000 ΔA	
	POINT:	1	
REAC. DIRECTION:		INCREASE	
CHECK:		ON	
CONVERS.	FACTOR:	1.0000	
	OFFSET:	0.0000	
TEST RANGE LOW:		0	mg/dl
	HIGH:	13	mg/dl
NORM. RANGE LOW:		0.0	mg/dl
	HIGH:	0.2	mg/dl
NUMBER OF STEPS:		1	
CALC. STEP A:		ENDPOINT	
READINGS	FIRST:	11	LAST: 25
REACTION LIMIT:		NO	

CALIBRATION

CALIB. INTERVAL:		ON REQUEST	
REAGENT BLANK			
REAG. RANGE LOW:		NO	
	HIGH:	NO	
BLANK RANGE LOW:		NO	
	HIGH:	NO	
CALIBRATOR		CUP POS:	DEF
CAL-1:		UTIL. DEF	
REPLICATE:		TRIPL.	
DEVIATION:		3%	

CONTROL

CS1 POS:	UTIL. DEF.
CS2 POS:	UTIL. DEF.
CS3 POS:	UTIL. DEF.

Analyzer: Cobas Mira

Application: **CALCIUM** - Code CA 0305 / 0505 CH
Preparation: AS INDICATED IN INSERT SHEET
Storage: REFRIGERATE AT 2-8°C
Stability: 10 DAYS

PROGRAM

GENERAL

MEASUREMENT MODE:	ABSORB
REACTION MODE:	R-S
CALIBRATION MODE:	SLOPE AVG
REAGENT BLANK:	REAG/DIL
CLEANER:	SELECT
AFTER TESTS:	AMYLASE
WAVELENGHT:	550 nm
DECIMAL POSITION:	2
UNIT:	mg/dl

ANALYSIS

SAMPLE DIL. NAME:	H2O
POST. DIL. FACTOR:	2.00
CONC. FACTOR:	NO

SAMPLE		CYCLE:	1
VOL:	4.0 µl	DIL:	20.0 µl

REAGENT		CYCLE:	1
VOL:	250 µl		

CALCULATION

SAMPLE	LIMIT:	0.1000 ΔA
	POINT:	CB
REAC. DIRECTION:		INCREASE
CHECK:		ON

CONVERS.	FACTOR:	1.0000
	OFFSET:	0.0000

TEST RANGE LOW:	0.00	mg/dl
HIGH:	20.00	mg/dl
NORM. RANGE LOW:	8.60	mg/dl
HIGH:	10.30	mg/dl

NUMBER OF STEPS: 1

CALC. STEP A:		ENDPOINT		
READINGS	FIRST:	CB	LAST:	4

CALIBRATION

CALIB. INTERVAL:	ON REQUEST

REAGENT BLANK	
REAG. RANGE LOW:	-0.0500 A
HIGH:	0.5000 A
BLANK RANGE LOW:	-0.0100 A
HIGH:	0.5000 A

CALIBRATOR	CUP POS: 1
CAL-1:	UTIL. DEF

REPLICATE:	TRIPL.
DEVIATION:	6%

CONTROL

CS1 POS:	UTIL. DEF.
CS2 POS:	UTIL. DEF.
CS3 POS:	UTIL. DEF.

Analyzer: Cobas Mira

Application: **CHLORIDE** - Code CL 0100 / 0500 CH
Preparation: LIQUID READY TO USE SINGLE REAGENT
Storage: ROOM TEMPERATURE (2-30°C)
Stability: UP TO DECLARED EXPIRATION ON REAGENT LABEL

PROGRAM

GENERAL

MEASUREMENT MODE:	ABSORB
REACTION MODE:	R-S
CALIBRATION MODE:	SLOPE AVG
REAGENT BLANK:	REAG/DIL
CLEANER:	BEFORE
WAVELENGHT:	500 nm
DECIMAL POSITION:	0
UNIT:	mEq/l

ANALYSIS

SAMPLE DIL. NAME:	H2O
POST. DIL. FACTOR:	2.00
CONC. FACTOR:	NO

SAMPLE		CYCLE:	1
VOL:	3.0 µl	DIL:	20.0 µl

REAGENT		CYCLE:	1
VOL:	400 µl		

CALCULATION

SAMPLE	LIMIT:	0.1000 ΔA	
	POINT:	T1	
REAC. DIRECTION:		INCREASE	
CHECK:		ON	
CONVERS.	FACTOR:	1.0000	
	OFFSET:	0.0000	
TEST RANGE LOW:		0	mEq/l
	HIGH:	200	mEq/l
NORM. RANGE LOW:		98	mEq/l
	HIGH:	110	mEq/l
NUMBER OF STEPS:		1	
CALC. STEP A:		ENDPOINT	
READINGS	FIRST:	CB	LAST: 10

CALIBRATION

CALIB. INTERVAL:	ON REQUEST
REAGENT BLANK	
REAG. RANGE LOW:	NO
HIGH:	NO
BLANK RANGE LOW:	NO
HIGH:	NO

CALIBRATOR	CUP POS: 1
CAL-1:	UTIL. DEF
REPLICATE:	TRIPL.
DEVIATION:	6%

CONTROL

CS1 POS:	UTIL. DEF.
CS2 POS:	UTIL. DEF.
CS3 POS:	UTIL. DEF.

Analyzer: Cobas Mira

Application: **CHOLESTEROL FL** - Codes CT F100 / F400 / 100F / 150F CH
Preparation: LIQUID READY TO USE SINGLE REAGENT
Storage: REFRIGERATE AT 2-8°C
Stability: UP TO DECLARED EXPIRATION ON REAGENT LABEL

PROGRAM

GENERAL

MEASUREMENT MODE:	ABSORB
REACTION MODE:	R-S
CALIBRATION MODE:	SLOPE AVG
REAGENT BLANK:	REAG/DIL
CLEANER:	NO
WAVELENGHT:	500 nm
DECIMAL POSITION:	0
UNIT:	mg/dl

ANALYSIS

SAMPLE DIL. NAME:	H2O
POST. DIL. FACTOR:	2.00
CONC. FACTOR:	NO

SAMPLE		CYCLE:	1
VOL:	3.0 µl	DIL:	20.0 µl

REAGENT		CYCLE:	1
VOL:	250 µl		

CALCULATION

SAMPLE	LIMIT:	0.1000 ΔA
	POINT:	T1
REAC. DIRECTION:		INCREASE
CHECK:		ON

CONVERS.	FACTOR:	1.0000
	OFFSET:	0.0000

TEST RANGE LOW:	0	mg/dl
HIGH:	700	mg/dl
NORM. RANGE LOW:	140	mg/dl
HIGH:	200	mg/dl

NUMBER OF STEPS: 1

CALC. STEP A:		ENDPOINT		
READINGS	FIRST:	T1	LAST:	12

CALIBRATION

CALIB. INTERVAL:	ON REQUEST

REAGENT BLANK	
REAG. RANGE LOW:	-0.0500 A
HIGH:	0.1600 A
BLANK RANGE LOW:	-0.0500 A
HIGH:	0.1000 A

CALIBRATOR	CUP POS: 1
CAL-1:	UTIL. DEF

REPLICATE:	TRIPL.
DEVIATION:	6%

CONTROL

CS1 POS:	UTIL. DEF.
CS2 POS:	UTIL. DEF.
CS3 POS:	UTIL. DEF.

Analyzer: Cobas Mira

Application: **HDL-DIRECT FL** - Code HD F080 / F245 / F400 CH
Preparation: REAGENT A - INSTALL AS "REAGENT"
REAGENT B - INSTALL AS "START REAGENT 1"
Storage: REFRIGERATE AT 2-8°C
Stability: 60 DAYS ON BOARD

PROGRAM

GENERAL

MEASUREMENT MODE:	ABSORB
REACTION MODE:	R-S-SR1
CALIBRATION MODE:	SLOPE AVG
REAGENT BLANK:	REAG/DIL
CLEANER:	NO
WAVELENGHT:	600nm
DECIMAL POSITION:	0
UNIT:	mg/dl

ANALYSIS

SAMPLE DIL. NAME:	H2O
POST. DIL. FACTOR:	2.00
CONC. FACTOR:	NO

SAMPLE		CYCLE:	1
VOL:	3.0 µl	DIL:	20.0 µl

REAGENT		CYCLE:	1
VOL:	180 µl		

START REAGENT 1		CYCLE:	12
VOL:	60 µl	DIL:	10.0 µl

CALCULATION

SAMPLE	LIMIT:	0.3000 ΔA
	POINT:	2
REAC. DIRECTION:		INCREASE
CHECK:		ON

CONVERS.	FACTOR:	1.0000
	OFFSET:	0.0000

TEST RANGE LOW:	0	mg/dl
HIGH:	220	mg/dl
NORM. RANGE LOW:	35.3	mg/dl
HIGH:	79.5	mg/dl

NUMBER OF STEPS:	1		
CALC. STEP A:	ENDPOINT		
READINGS	FIRST:	10	LAST: 24

CALIBRATION

CALIB. INTERVAL:	ON REQUEST

REAGENT BLANK	
REAG. RANGE LOW:	-0.0500 A
HIGH:	0.1000 A
BLANK RANGE LOW:	-0.0500 A
HIGH:	0.0500 A

CALIBRATOR	CUP POS: 1
CAL-1:	UTIL. DEF

REPLICATE:	TRIPL.
DEVIATION:	6%

CONTROL

CS1 POS:	UTIL. DEF.
CS2 POS:	UTIL. DEF.
CS3 POS:	UTIL. DEF.

Analyzer: Cobas Mira

Application: **LDL-DIRECT FL** - Code DL F080 CH
Preparation: REAGENT A - INSTALL AS "REAGENT"
REAGENT B - INSTALL AS "START REAGENT 1"
Storage: REFRIGERATE AT 2-8°C
Stability: 30 DAYS ON BOARD

PROGRAM

GENERAL

MEASUREMENT MODE:	ABSORB
REACTION MODE:	R-S-SR1
CALIBRATION MODE:	SLOPE AVG
REAGENT BLANK:	REAG/DIL
CLEANER:	NO
WAVELENGHT:	600nm
DECIMAL POSITION:	0
UNIT:	mg/dl

ANALYSIS

SAMPLE DIL. NAME:	H2O		
POST. DIL. FACTOR:	2.00		
CONC. FACTOR:	NO		
SAMPLE		CYCLE:	1
VOL:	3.0 µl	DIL:	20.0 µl
REAGENT		CYCLE:	1
VOL:	180 µl		
START REAGENT 1		CYCLE:	12
VOL:	60 µl	DIL:	10.0 µl

CALCULATION

SAMPLE	LIMIT:	0.3000 ΔA	
	POINT:	2	
REAC. DIRECTION:		INCREASE	
CHECK:		ON	
CONVERS.	FACTOR:	1.0000	
	OFFSET:	0.0000	
TEST RANGE LOW:		0	mg/dl
	HIGH:	400	mg/dl
NORM. RANGE LOW:		76	mg/dl
	HIGH:	218	mg/dl
NUMBER OF STEPS:		1	
CALC. STEP A:		ENDPOINT	
READINGS	FIRST:	10	LAST: 24

CALIBRATION

CALIB. INTERVAL:	ON REQUEST
REAGENT BLANK	
REAG. RANGE LOW:	-0.0500 A
HIGH:	0.1000 A
BLANK RANGE LOW:	-0.0500 A
HIGH:	0.0500 A
CALIBRATOR	CUP POS: 1
CAL-1:	UTIL. DEF
REPLICATE:	TRIPL.
DEVIATION:	6%

CONTROL

CS1 POS:	UTIL. DEF.
CS2 POS:	UTIL. DEF.
CS3 POS:	UTIL. DEF.

Analyzer: Cobas Mira

Application: **CHOLINESTERASE FL (DGKC)** - Codes CH F096 / F245 CH
Preparation: REAGENT A - INSTALL AS "REAGENT"
REAGENT B - INSTALL AS "START REAGENT 1"
Storage: REFRIGERATE AT 2-8°C
Stability: UP TO DECLARED EXPIRATION ON REAGENT LABEL

PROGRAM

GENERAL

MEASUREMENT MODE:	ABSORB
REACTION MODE:	R-S-SR1
CALIBRATION MODE:	FACTOR
REAGENT BLANK:	REAG/DIL
CLEANER:	NO
WAVELENGHT:	405 nm
DECIMAL POSITION:	0
UNIT:	U/L

ANALYSIS

SAMPLE DIL. NAME:	H2O
POST. DIL. FACTOR:	2.00
CONC. FACTOR:	NO

SAMPLE		CYCLE:	1
VOL:	4.8 µl	DIL:	10.0 µl

REAGENT		CYCLE:	1
VOL:	230 µl		

START REAGENT 1:		CYCLE:	4
VOL:	38 µl	DIL:	10.0 µl

CALCULATION

SAMPLE	LIMIT:	0.1500 ΔA
	POINT:	T1
REAC. DIRECTION:		DECREASE
CHECK:		ON

CONVERS.	FACTOR:	1.1000
	OFFSET:	0.0000

TEST RANGE LOW:	0	U/L
HIGH:	25000	U/L
NORM. RANGE LOW:	5600	U/L
HIGH:	11200	U/L

NUMBER OF STEPS: 1

CALC. STEP A:		KINETIC	
READINGS	FIRST: 7	LAST:	10
REACTION LIMIT:		NO	

CALIBRATION

CALIB. INTERVAL:	ON REQUEST

REAGENT BLANK	
REAG. RANGE LOW:	0.8000 A
HIGH:	2.0000 A
BLANK RANGE LOW:	-0.0100 A
HIGH:	0.0100 A

FACTOR: 99000

CONTROL

CS1 POS:	UTIL. DEF.
CS2 POS:	UTIL. DEF.
CS3 POS:	UTIL. DEF.

Analyzer: Cobas Mira

Application: **CK-NAC FL** - Codes CK F060 / F120 / F245 CH
Preparation: AS INDICATED IN INSERT SHEET
Storage: REFRIGERATE AT 2-8°C
Stability: 30 DAYS

PROGRAM

GENERAL

MEASUREMENT MODE:	ABSORB
REACTION MODE:	R-S
CALIBRATION MODE:	FACTOR
REAGENT BLANK:	REAG/DIL
CLEANER:	NO
WAVELENGHT:	340 nm
DECIMAL POSITION:	0
UNIT:	U/L

ANALYSIS

SAMPLE DIL. NAME:	H2O
POST. DIL. FACTOR:	2.00
CONC. FACTOR:	NO

SAMPLE		CYCLE:	1
VOL:	10.0 µl	DIL:	10.0 µl

REAGENT		CYCLE:	1
VOL:	240 µl		

CALCULATION

SAMPLE	LIMIT:	0.3000 ΔA	
	POINT:	T1	
REAC. DIRECTION:		INCREASE	
CHECK:		ON	
CONVERS.	FACTOR:	1.0000	
	OFFSET:	0.0000	
TEST RANGE LOW:		0	U/L
	HIGH:	2000	U/L
NORM. RANGE LOW:		24	U/L
	HIGH:	204	U/L
NUMBER OF STEPS:		1	
CALC. STEP A:		KINETIC	
READINGS	FIRST:	6	LAST: 12
REACTION LIMIT:		0.6000 ΔA	
	POINT:	T1	

CALIBRATION

CALIB. INTERVAL:	ON REQUEST
REAGENT BLANK	
REAG. RANGE LOW:	-0.0100 A
HIGH:	0.6000 A
BLANK RANGE LOW:	-0.0100 A
HIGH:	0.0100 A
FACTOR:	6878

CONTROL

CS1 POS:	UTIL. DEF.
CS2 POS:	UTIL. DEF.
CS3 POS:	UTIL. DEF.

Analyzer: Cobas Mira

Application: **CK-MB FL** - Code MB F060 / F120 CH
Preparation: AS INDICATED IN INSERT SHEET
Storage: REFRIGERATE AT 2-8°C
Stability: 14 DAYS

PROGRAM

GENERAL

MEASUREMENT MODE:	ABSORB
REACTION MODE:	R-S
CALIBRATION MODE:	FACTOR
REAGENT BLANK:	REAG/DIL
CLEANER:	NO
WAVELENGHT:	340 nm
DECIMAL POSITION:	0
UNIT:	U/L

ANALYSIS

SAMPLE DIL. NAME:	H2O
POST. DIL. FACTOR:	2.00
CONC. FACTOR:	NO

SAMPLE CYCLE: 1
VOL: 10.0 µl DIL: 10.0 µl

REAGENT CYCLE: 1
VOL: 240 µl

CALCULATION

SAMPLE	LIMIT:	0.3000 ΔA
	POINT:	T1
REAC. DIRECTION:		INCREASE
CHECK:		ON
CONVERS.	FACTOR:	1.0000
	OFFSET:	0.0000
TEST RANGE LOW:		0.0 U/L
	HIGH:	1000.0 U/L
NORM. RANGE LOW:		0.0 U/L
	HIGH:	24.0 U/L
NUMBER OF STEPS:		1
CALC. STEP A:		KINETIC
READINGS	FIRST:	10 LAST: 20
REACTION LIMIT:		0.6000 ΔA
	POINT:	T1

CALIBRATION

CALIB. INTERVAL:	ON REQUEST
REAGENT BLANK	
REAG. RANGE LOW:	-0.0100 A
HIGH:	0.6000 A
BLANK RANGE LOW:	-0.0100 A
HIGH:	0.0100 A
FACTOR:	13750

CONTROL

CS1 POS:	UTIL. DEF.
CS2 POS:	UTIL. DEF.
CS3 POS:	UTIL. DEF.

Analyzer: Cobas Mira

Application: **COPPER** - Code CU 0100 CH
Preparation: AS INDICATED IN INSERT SHEET
Storage: DO NOT REFRIGERATE!
Stability: 14 DAYS

PROGRAM

GENERAL

MEASUREMENT MODE:	ABSORB
REACTION MODE:	R-S
CALIBRATION MODE:	SLOPE AVG
REAGENT BLANK:	REAG/DIL
CLEANER:	NO
WAVELENGHT:	600 nm
DECIMAL POSITION:	0
UNIT:	microg/dl

ANALYSIS

SAMPLE DIL. NAME:	H2O		
POST. DIL. FACTOR:	2.00		
CONC. FACTOR:	NO		
SAMPLE		CYCLE:	1
VOL:	20.0 µl	DIL:	20.0 µl
REAGENT		CYCLE:	1
VOL:	280 µl		

CALCULATION

SAMPLE	LIMIT:	0.1000 ΔA	
	POINT:	T1	
REAC. DIRECTION:		INCREASE	
CHECK:		ON	
CONVERS.	FACTOR:	1.0000	
	OFFSET:	0.0000	
TEST RANGE LOW:		0	microg/dl
	HIGH:	500	microg/dl
NORM. RANGE LOW:		70	microg/dl
	HIGH:	140	microg/dl
NUMBER OF STEPS:		1	
CALC. STEP A:		ENDPOINT	
READINGS	FIRST:	CB	LAST: 10

CALIBRATION

CALIB. INTERVAL:	ON REQUEST
REAGENT BLANK	
REAG. RANGE LOW:	-0.0500 A
HIGH:	0.5000 A
BLANK RANGE LOW:	-0.0500 A
HIGH:	0.5000 A
CALIBRATOR	CUP POS: 1
CAL-1:	UTIL. DEF
REPLICATE:	TRIPL.
DEVIATION:	6%

CONTROL

CS1 POS:	UTIL. DEF.
CS2 POS:	UTIL. DEF.
CS3 POS:	UTIL. DEF.

Analyzer: Cobas Mira

Application: **CREATININE** - Code CR 0500 / 1000 / 1500 CH
Preparation: AS INDICATED IN INSERT SHEET
Storage: ROOM TEMPERATURE (2-30°C)
Stability: 14 DAYS

PROGRAM

GENERAL

MEASUREMENT MODE:	ABSORB
REACTION MODE:	R-S
CALIBRATION MODE:	SLOPE AVG
REAGENT BLANK:	REAG/DIL
CLEANER:	NO
WAVELENGHT:	500 nm
DECIMAL POSITION:	2
UNIT:	mg/dl

ANALYSIS

SAMPLE DIL. NAME:	H2O
POST. DIL. FACTOR:	2.00
CONC. FACTOR:	NO

SAMPLE		CYCLE:	1
VOL:	15.0 µl	DIL:	20.0 µl

REAGENT		CYCLE:	1
VOL:	250 µl		

CALCULATION

SAMPLE	LIMIT:	0.3500 ΔA	
	POINT:	T1	
REAC. DIRECTION:		INCREASE	
CHECK:		ON	
CONVERS.	FACTOR:	1.0000	
	OFFSET:	0.0000	
TEST RANGE LOW:		0.00	mg/dl
	HIGH:	20.0	mg/dl
NORM. RANGE LOW:		0.70	mg/dl
	HIGH:	1.20	mg/dl
NUMBER OF STEPS:		1	
CALC. STEP A:		ENDPOINT	
READINGS	FIRST:	2	LAST: 3

CALIBRATION

CALIB. INTERVAL:	ON REQUEST

REAGENT BLANK	
REAG. RANGE LOW:	-0.1000 A
HIGH:	0.3500 A
BLANK RANGE LOW:	-0.0300 A
HIGH:	0.0300 A

CALIBRATOR	CUP POS: 1
CAL-1:	UTIL. DEF
REPLICATE:	TRIPL.
DEVIATION:	6%

CONTROL

CS1 POS:	UTIL. DEF.
CS2 POS:	UTIL. DEF.
CS3 POS:	UTIL. DEF.

Analyzer: Cobas Mira

Application: **GAMMA-GT FL** - Codes GT F080 / F245 / F400 / F600 CH
Preparation: AS INDICATED IN INSERT SHEET
Storage: REFRIGERATE AT 2-8°C
Stability: 60 DAYS

PROGRAM

GENERAL

MEASUREMENT MODE:	ABSORB
REACTION MODE:	R-S
CALIBRATION MODE:	FACTOR
REAGENT BLANK:	REAG/DIL
CLEANER:	NO
WAVELENGHT:	405 nm
DECIMAL POSITION:	0
UNIT:	U/L

ANALYSIS

SAMPLE DIL. NAME:	H2O
POST. DIL. FACTOR:	5.00
CONC. FACTOR:	NO

SAMPLE CYCLE: 1
VOL: 25.0 µl DIL: 10.0 µl

REAGENT CYCLE: 1
VOL: 240 µl

CALCULATION

SAMPLE	LIMIT:	NO
REAC. DIRECTION:		INCREASE
CHECK:		ON
CONVERS.	FACTOR:	1.0000
	OFFSET:	0.0000
TEST RANGE LOW:		0 U/L
	HIGH:	800 U/L
NORM. RANGE LOW:		0 U/L
	HIGH:	50 U/L
NUMBER OF STEPS:		1
CALC. STEP A:		KINETIC
READINGS	FIRST:	4 LAST: 8
REACTION LIMIT:		0.4300 ΔA
	POINT:	T1

CALIBRATION

CALIB. INTERVAL:	ON REQUEST
REAGENT BLANK	
REAG. RANGE LOW:	-0.0700 A
HIGH:	0.8000 A
BLANK RANGE LOW:	-0.0100 A
HIGH:	0.0200 A
FACTOR:	2130

CONTROL

CS1 POS:	UTIL. DEF.
CS2 POS:	UTIL. DEF.
CS3 POS:	UTIL. DEF.

Analyzer: Cobas Mira

Application: **GLUCOSE FL** - Codes GL F400 / 100F / 150F CH
Preparation: LIQUID READY TO USE SINGLE REAGENT
Storage: REFRIGERATE AT 2-8°C
Stability: UP TO DECLARED EXPIRATION ON REAGENT LABEL

PROGRAM

GENERAL

MEASUREMENT MODE:	ABSORB
REACTION MODE:	R-S
CALIBRATION MODE:	SLOPE AVG
REAGENT BLANK:	REAG/DIL
CLEANER:	NO
WAVELENGHT:	500 nm
DECIMAL POSITION:	0
UNIT:	mg/dl

ANALYSIS

SAMPLE DIL. NAME:	H2O
POST. DIL. FACTOR:	2.00
CONC. FACTOR:	NO

SAMPLE		CYCLE:	1
VOL:	3.0 µl	DIL:	20.0 µl

REAGENT		CYCLE:	1
VOL:	250 µl		

CALCULATION

SAMPLE	LIMIT:	0.1000 ΔA
	POINT:	T1
REAC. DIRECTION:		INCREASE
CHECK:		ON

CONVERS.	FACTOR:	1.0000
	OFFSET:	0.0000

TEST RANGE LOW:	0	mg/dl
HIGH:	500	mg/dl
NORM. RANGE LOW:	70	mg/dl
HIGH:	105	mg/dl

NUMBER OF STEPS: 1

CALC. STEP A:		ENDPOINT		
READINGS	FIRST:	CB	LAST:	15

CALIBRATION

CALIB. INTERVAL:	ON REQUEST

REAGENT BLANK	
REAG. RANGE LOW:	-0.0500 A
HIGH:	0.2000 A
BLANK RANGE LOW:	-0.0500 A
HIGH:	0.2000 A

CALIBRATOR	CUP POS: 1
CAL-1:	UTIL. DEF

REPLICATE:	TRIPL.
DEVIATION:	6%

CONTROL

CS1 POS:	UTIL. DEF.
CS2 POS:	UTIL. DEF.
CS3 POS:	UTIL. DEF.

Analyzer: Cobas Mira

Application: **GLUCOSE UV FL** - Code GL F601 CH
Preparation: AS INDICATED IN INSERT SHEET
Storage: REFRIGERATE AT 2-8°C
Stability: 60 DAYS

PROGRAM

GENERAL

MEASUREMENT MODE:	ABSORB
REACTION MODE:	R-S
CALIBRATION MODE:	SLOPE AVG
REAGENT BLANK:	REAG/DIL
CLEANER:	NO
WAVELENGHT:	340 nm
DECIMAL POSITION:	0
UNIT:	mg/dl

ANALYSIS

SAMPLE DIL. NAME:	H2O
POST. DIL. FACTOR:	2.00
CONC. FACTOR:	NO

SAMPLE		CYCLE:	1
VOL:	3.0 µl	DIL:	20.0 µl

REAGENT		CYCLE:	1
VOL:	250 µl		

CALCULATION

SAMPLE	LIMIT:	0.1000 ΔA
	POINT:	T1
REAC. DIRECTION:		INCREASE
CHECK:		ON

CONVERS.	FACTOR:	1.0000
	OFFSET:	0.0000

TEST RANGE LOW:	0	mg/dl
HIGH:	700	mg/dl
NORM. RANGE LOW:	70	mg/dl
HIGH:	105	mg/dl

NUMBER OF STEPS: 1

CALC. STEP A:		ENDPOINT		
READINGS	FIRST:	CB	LAST:	15

CALIBRATION

CALIB. INTERVAL:	ON REQUEST

REAGENT BLANK	
REAG. RANGE LOW:	-0.0500 A
HIGH:	0.2000 A
BLANK RANGE LOW:	-0.0500 A
HIGH:	0.2000 A

CALIBRATOR	CUP POS: 1
CAL-1:	UTIL. DEF

REPLICATE:	TRIPL.
DEVIATION:	6%

CONTROL

CS1 POS:	UTIL. DEF.
CS2 POS:	UTIL. DEF.
CS3 POS:	UTIL. DEF.

Analyzer: Cobas Mira

Application: **GOT/AST FL** - Codes GO F080 / F245 / F400 / F600 CH
Preparation: AS INDICATED IN INSERT SHEET
Storage: REFRIGERATE AT 2-8°C
Stability: 30 DAYS

PROGRAM

GENERAL

MEASUREMENT MODE:	ABSORB
REACTION MODE:	R-S
CALIBRATION MODE:	FACTOR
REAGENT BLANK:	REAG/DIL
CLEANER:	NO
WAVELENGHT:	340 nm
DECIMAL POSITION:	0
UNIT:	U/L

ANALYSIS

SAMPLE DIL. NAME:	H2O
POST. DIL. FACTOR:	5.00
CONC. FACTOR:	NO

SAMPLE CYCLE: 1
VOL: 25.0 µl DIL: 10.0 µl

REAGENT CYCLE: 1
VOL: 240 µl

CALCULATION

SAMPLE	LIMIT:	NO
REAC. DIRECTION:		DECREASE
CHECK:		ON
CONVERS.	FACTOR:	1.0000
	OFFSET:	0.0000
TEST RANGE LOW:		0 U/L
	HIGH:	440 U/L
NORM. RANGE LOW:		0 U/L
	HIGH:	35 U/L
NUMBER OF STEPS:		1
CALC. STEP A:		KINETIC
READINGS	FIRST:	4 LAST: 8
REACTION LIMIT:		0.2000 ΔA
	POINT:	T1

CALIBRATION

CALIB. INTERVAL:	ON REQUEST
REAGENT BLANK	
REAG. RANGE LOW:	0.4000 A
HIGH:	1.6000 A
BLANK RANGE LOW:	-0.2000 A
HIGH:	0.2000 A
FACTOR:	2910

CONTROL

CS1 POS:	UTIL. DEF.
CS2 POS:	UTIL. DEF.
CS3 POS:	UTIL. DEF.

Analyzer: Cobas Mira

Application: **GPT/ALT FL** - Codes GP F080 / F245 / F400 / F600 CH
Preparation: AS INDICATED IN INSERT SHEET
Storage: REFRIGERATE AT 2-8°C
Stability: 30 DAYS

PROGRAM

GENERAL

MEASUREMENT MODE:	ABSORB
REACTION MODE:	R-S
CALIBRATION MODE:	FACTOR
REAGENT BLANK:	REAG/DIL
CLEANER:	NO
WAVELENGHT:	340 nm
DECIMAL POSITION:	0
UNIT:	U/L

ANALYSIS

SAMPLE DIL. NAME:	H2O
POST. DIL. FACTOR:	5.00
CONC. FACTOR:	NO

SAMPLE CYCLE: 1
VOL: 25.0 µl DIL: 10.0 µl

REAGENT CYCLE: 1
VOL: 240 µl

CALCULATION

SAMPLE	LIMIT:	NO
REAC. DIRECTION:		DECREASE
CHECK:		ON
CONVERS.	FACTOR:	1.0000
	OFFSET:	0.0000
TEST RANGE LOW:		0 U/L
	HIGH:	440 U/L
NORM. RANGE LOW:		0 U/L
	HIGH:	45 U/L
NUMBER OF STEPS:		1
CALC. STEP A:		KINETIC
READINGS	FIRST:	4 LAST: 8
REACTION LIMIT:		0.2000 ΔA
	POINT:	T1

CALIBRATION

CALIB. INTERVAL:	ON REQUEST

REAGENT BLANK

REAG. RANGE LOW:	0.4000 A
HIGH:	1.6000 A
BLANK RANGE LOW:	-0.2000 A
HIGH:	0.2000 A
FACTOR:	2910

CONTROL

CS1 POS:	UTIL. DEF.
CS2 POS:	UTIL. DEF.
CS3 POS:	UTIL. DEF.

Analyzer: Cobas Mira

Application: **IRON FZ** - Code FE F245 / F400 CH
Preparation: REAGENT A - INSTALL AS "REAGENT"
REAGENT B - MIX AS INDICATED IN INSERT SHEET.
INSTALL AS "START REAGENT 1"
Storage: REFRIGERATE AT 2-8°C
Stability: UP TO DECLARED EXPIRATION ON REAGENT LABEL

PROGRAM

GENERAL

MEASUREMENT MODE:	ABSORB
REACTION MODE:	R-S-SR1
CALIBRATION MODE:	SLOPE AVG
REAGENT BLANK:	REAG/DIL
CLEANER:	NO
WAVELENGHT:	550nm
DECIMAL POSITION:	0
UNIT:	µg/dl

ANALYSIS

SAMPLE DIL. NAME:	H2O		
POST. DIL. FACTOR:	2.00		
CONC. FACTOR:	NO		
SAMPLE		CYCLE:	1
VOL:	50.0 µl	DIL:	20.0 µl
REAGENT		CYCLE:	1
VOL:	200 µl		
START REAGENT 1		CYCLE:	12
VOL:	50 µl	DIL:	20.0 µl

CALCULATION

SAMPLE	LIMIT:	0.3000 ΔA	
	POINT:	11	
REAC. DIRECTION:		INCREASE	
CHECK:		ON	
CONVERS.	FACTOR:	1.0000	
	OFFSET:	0.0000	
TEST RANGE LOW:		0	mg/dl
	HIGH:	1000	mg/dl
NORM. RANGE LOW:		59	mg/dl
	HIGH:	158	mg/dl
NUMBER OF STEPS:		1	
CALC. STEP A:		ENDPOINT	
READINGS	FIRST:	11	LAST: 15

CALIBRATION

CALIB. INTERVAL:	ON REQUEST
REAGENT BLANK	
REAG. RANGE LOW:	-0.0500 A
HIGH:	0.1000 A
BLANK RANGE LOW:	-0.0500 A
HIGH:	0.0500 A
CALIBRATOR	CUP POS: 1
CAL-1:	UTIL. DEF
REPLICATE:	TRIPL.
DEVIATION:	6%

CONTROL

CS1 POS:	UTIL. DEF.
CS2 POS:	UTIL. DEF.
CS3 POS:	UTIL. DEF.

Analyzer: Cobas Mira

Application: **LDH FL** - Codes LD F060 / F120 / F245 CH
Preparation: AS INDICATED IN INSERT SHEET
Storage: REFRIGERATE AT 2-8°C
Stability: 30 DAYS

PROGRAM

GENERAL

MEASUREMENT MODE:	ABSORB
REACTION MODE:	R-S
CALIBRATION MODE:	FACTOR
REAGENT BLANK:	REAG/DIL
CLEANER:	NO
WAVELENGHT:	340 nm
DECIMAL POSITION:	0
UNIT:	U/L

ANALYSIS

SAMPLE DIL. NAME:	H2O
POST. DIL. FACTOR:	2.00
CONC. FACTOR:	NO

SAMPLE		CYCLE:	1
VOL:	3.0 µl	DIL:	20.0 µl

REAGENT		CYCLE:	1
VOL:	280 µl		

CALCULATION

SAMPLE	LIMIT:	0.2000 ΔA
	POINT:	T1
REAC. DIRECTION:		DECREASE
CHECK:		ON
CONVERS.	FACTOR:	1.0000
	OFFSET:	0.0000
TEST RANGE LOW:		0 U/L
	HIGH:	4000 U/L
NORM. RANGE LOW:		225 U/L
	HIGH:	450 U/L
NUMBER OF STEPS:		1
CALC. STEP A:		KINETIC
READINGS	FIRST:	3 LAST: 7
REACTION LIMIT:		0.2000 ΔA
	POINT:	T1

CALIBRATION

CALIB. INTERVAL:	ON REQUEST
REAGENT BLANK	
REAG. RANGE LOW:	0.3000 A
HIGH:	1.0000 A
BLANK RANGE LOW:	-0.2000 A
HIGH:	0.2000 A
FACTOR:	26715

CONTROL

CS1 POS:	UTIL. DEF.
CS2 POS:	UTIL. DEF.
CS3 POS:	UTIL. DEF.

Analyzer: Cobas Mira

Application: **LIPASE FL** - Code LP F060 CH
Preparation: REAGENT A - INSTALL AS "REAGENT"
REAGENT B - INSTALL AS "START REAGENT 1"
Storage: REFRIGERATE AT 2-8°C

PROGRAM

GENERAL

MEASUREMENT MODE:	ABSORB
REACTION MODE:	R-S-SR1
CALIBRATION MODE:	SLOPE AVG
REAGENT BLANK:	REAG/DIL
CLEANER:	BEFORE
WAVELENGHT:	550 nm
DECIMAL POSITION:	1
UNIT:	U/L

ANALYSIS

SAMPLE DIL. NAME:	H2O		
POST. DIL. FACTOR:	2.00		
CONC. FACTOR:	NO		
SAMPLE		CYCLE:	1
VOL:	2.5 µl	DIL:	15.0 µl
REAGENT		CYCLE:	1
VOL:	240 µl		
START REAGENT 1:		CYCLE:	4
VOL:	60 µl	DIL:	10.0 µl

CALCULATION

SAMPLE	LIMIT:	0.5000 ΔA	
	POINT:	1	
REAC. DIRECTION:		INCREASE	
CHECK:		ON	
CONVERS.	FACTOR:	1.0000	
	OFFSET:	0.0000	
TEST RANGE LOW:		0	U/L
	HIGH:	250	U/L
NORM. RANGE LOW:		0	U/L
	HIGH:	63	U/L
NUMBER OF STEPS:		1	
CALC. STEP A:		KINETIC	
READINGS	FIRST:	6	LAST: 10
REACTION LIMIT:		NO	

CALIBRATION

CALIB. INTERVAL:	ON REQUEST	
REAGENT BLANK		
REAG. RANGE LOW:	NO	
HIGH:	NO	
BLANK RANGE LOW:	NO	
HIGH:	NO	
CALIBRATOR	CUP POS:	DEF
CAL-1:	UTIL. DEF	
REPLICATE:	TRIPL.	
DEVIATION:	10%	

CONTROL

CS1 POS:	UTIL. DEF.
CS2 POS:	UTIL. DEF.
CS3 POS:	UTIL. DEF.

Analyzer: Cobas Mira

Application: **MAGNESIUM** - Code MG 0200 / 0500 CH
Preparation: AS INDICATED IN INSERT SHEET
Storage: REFRIGERATE AT 2-8°C (STABLE 90 days)
ROOM TEMPERATURE 15-30°C (STABLE 30 days)

PROGRAM

GENERAL

MEASUREMENT MODE:	ABSORB
REACTION MODE:	R-S
CALIBRATION MODE:	SLOPE AVG
REAGENT BLANK:	REAG/DIL
CLEANER:	SELECT
AFTER TESTS:	CHOL TRIG ALP
WAVELENGHT:	500nm
DECIMAL POSITION:	2
UNIT:	mEq/l

ANALYSIS

SAMPLE DIL. NAME:	H2O
POST. DIL. FACTOR:	NO
CONC. FACTOR:	NO

SAMPLE CYCLE: 1
VOL: 3.0 µl DIL: 20.0 µl

REAGENT CYCLE: 1
VOL: 280 µl

CALCULATION

SAMPLE	LIMIT:	0.1000 ΔA
	POINT:	T1
REAC. DIRECTION:		INCREASE
CHECK:		ON
CONVERS.	FACTOR:	1.0000
	OFFSET:	0.0000
TEST RANGE LOW:		0.00 mEq/l
	HIGH:	8.00 mEq/l
NORM. RANGE LOW:		1.30 mEq/l
	HIGH:	2.10 mEq/l
NUMBER OF STEPS:		1
CALC. STEP A:		ENDPOINT
READINGS	FIRST:	CB LAST: 4

CALIBRATION

CALIB. INTERVAL:	ON REQUEST
REAGENT BLANK	
REAG. RANGE LOW:	-0.0500 A
HIGH:	0.5000 A
BLANK RANGE LOW:	-0.0500 A
HIGH:	0.5000 A
CALIBRATOR	CUP POS: 1
CAL-1:	UTIL. DEF
REPLICATE:	TRIPL.
DEVIATION:	5%

CONTROL

CS1 POS:	UTIL. DEF.
CS2 POS:	UTIL. DEF.
CS3 POS:	UTIL. DEF.

Analyzer: Cobas Mira

Application: **MAGNESIUM XL** - Code MX 0300 / 0500 CH
Preparation: LIQUID READY TO USE SINGLE REAGENT
Storage: REFRIGERATE AT 2-8°C
Stability: UP TO DECLARED EXPIRATION ON REAGENT LABEL

PROGRAM

GENERAL

MEASUREMENT MODE:	ABSORB
REACTION MODE:	R-S
CALIBRATION MODE:	SLOPE AVG
REAGENT BLANK:	REAG/DIL
CLEANER:	SELECT
AFTER TESTS:	CHOL TRIG ALP
WAVELENGHT:	550 nm
DECIMAL POSITION:	2
UNIT:	mEq/l

ANALYSIS

SAMPLE DIL. NAME:	H2O
POST. DIL. FACTOR:	NO
CONC. FACTOR:	NO

SAMPLE		CYCLE:	1
VOL:	3.0 µl	DIL:	20.0 µl

REAGENT		CYCLE:	1
VOL:	300 µl		

CALCULATION

SAMPLE	LIMIT:	0.1000 ΔA
	POINT:	T1
REAC. DIRECTION:		INCREASE
CHECK:		ON

CONVERS.	FACTOR:	1.0000
	OFFSET:	0.0000

TEST RANGE LOW:	0.00	mEq/l
HIGH:	6.00	mEq/l
NORM. RANGE LOW:	1.30	mEq/l
HIGH:	2.10	mEq/l

NUMBER OF STEPS: 1

CALC. STEP A:		ENDPOINT		
READINGS	FIRST:	CB	LAST:	12

CALIBRATION

CALIB. INTERVAL:	ON REQUEST

REAGENT BLANK	
REAG. RANGE LOW:	-0.0500 A
HIGH:	0.5000 A
BLANK RANGE LOW:	-0.0500 A
HIGH:	0.5000 A

CALIBRATOR	CUP POS: 1
CAL-1:	UTIL. DEF

REPLICATE:	TRIPL.
DEVIATION:	5%

CONTROL

CS1 POS:	UTIL. DEF.
CS2 POS:	UTIL. DEF.
CS3 POS:	UTIL. DEF.

Analyzer: Cobas Mira

Application: **PHOSPHORUS** - Code PH 0100 / 0500 CH
Preparation: LIQUID READY TO USE SINGLE REAGENT
Storage: REFRIGERATE AT 2-8°C
Stability: UP TO DECLARED EXPIRATION ON REAGENT LABEL

PROGRAM

GENERAL

MEASUREMENT MODE:	ABSORB
REACTION MODE:	R-S
CALIBRATION MODE:	SLOPE AVG
REAGENT BLANK:	REAG/DIL
CLEANER:	SELECT
AFTER TESTS:	LDH - URIC - GLUC
WAVELENGHT:	340 nm
DECIMAL POSITION:	2
UNIT:	mg/dl

ANALYSIS

SAMPLE DIL. NAME:	H2O
POST. DIL. FACTOR:	2.00
CONC. FACTOR:	NO

SAMPLE		CYCLE:	1
VOL:	3.0 µl	DIL:	20.0 µl

REAGENT		CYCLE:	1
VOL:	250 µl		

CALCULATION

SAMPLE	LIMIT:	0.2000 ΔA	
	POINT:	T1	
REAC. DIRECTION:		INCREASE	
CHECK:		ON	
CONVERS.	FACTOR:	1.0000	
	OFFSET:	0.0000	
TEST RANGE LOW:		0.0	mg/dl
	HIGH:	20.0	mg/dl
NORM. RANGE LOW:		2.5	mg/dl
	HIGH:	4.5	mg/dl
NUMBER OF STEPS:		1	
CALC. STEP A:		ENDPOINT	
READINGS	FIRST:	CB	LAST: 12

CALIBRATION

CALIB. INTERVAL:	ON REQUEST
REAGENT BLANK	
REAG. RANGE LOW:	-0.0500 A
HIGH:	0.5000 A
BLANK RANGE LOW:	-0.0500 A
HIGH:	0.5000 A

CALIBRATOR	CUP POS: 1
CAL-1:	UTIL. DEF
REPLICATE:	TRIPL.
DEVIATION:	6%

CONTROL

CS1 POS:	UTIL. DEF.
CS2 POS:	UTIL. DEF.
CS3 POS:	UTIL. DEF.

Analyzer: Cobas Mira

Application: **PROTEINS HS** - Code HS 0100 / 0500 CH
Preparation: LIQUID READY TO USE SINGLE REAGENT
Storage: ROOM TEMPERATURE (2-30°C)
Stability: UP TO DECLARED EXPIRATION ON REAGENT LABEL

PROGRAM

GENERAL

MEASUREMENT MODE:	ABSORB
REACTION MODE:	R-S
CALIBRATION MODE:	SLOPE AVG
REAGENT BLANK:	REAG/DIL
CLEANER:	NO
WAVELENGHT:	600 nm
DECIMAL POSITION:	0
UNIT:	mg/dl

ANALYSIS

SAMPLE DIL. NAME:	H2O
POST. DIL. FACTOR:	2.00
CONC. FACTOR:	NO

SAMPLE CYCLE: 1
VOL: 2.5 µl DIL: 20.0 µl

REAGENT CYCLE: 1
VOL: 300 µl

CALCULATION

SAMPLE	LIMIT:	0.3500 ΔA
	POINT:	T1
REAC. DIRECTION:		INCREASE
CHECK:		ON
CONVERS.	FACTOR:	1.0000
	OFFSET:	0.0000
TEST RANGE LOW:		0 mg/dl
	HIGH:	500 mg/dl
NORM. RANGE LOW:		28 mg/dl
	HIGH:	141 mg/dl
NUMBER OF STEPS:		1
CALC. STEP A:		ENDPOINT
READINGS	FIRST:	T1 LAST: 12

CALIBRATION

CALIB. INTERVAL:	ON REQUEST
REAGENT BLANK	
REAG. RANGE LOW:	NO
HIGH:	NO
BLANK RANGE LOW:	NO
HIGH:	NO

CALIBRATOR CUP POS: 1
CAL-1: UTIL. DEF

REPLICATE: TRIPL.
DEVIATION: 10%

CONTROL

CS1 POS: UTIL. DEF.

CS2 POS: UTIL. DEF.

CS3 POS: UTIL. DEF.

Analyzer: Cobas Mira

Application: **PROTEINS (TOTAL)** - Codes TP 0100 / 0500 / 1000 / 1500 CH
Preparation: LIQUID READY TO USE SINGLE REAGENT
Storage: ROOM TEMPERATURE (2-30°C)
Stability: UP TO DECLARED EXPIRATION ON REAGENT LABEL

PROGRAM

GENERAL

MEASUREMENT MODE:	ABSORB
REACTION MODE:	R-S
CALIBRATION MODE:	SLOPE AVG
REAGENT BLANK:	REAG/DIL
CLEANER:	NO
WAVELENGHT:	550 nm
DECIMAL POSITION:	1
UNIT:	g/dl

ANALYSIS

SAMPLE DIL. NAME:	H2O
POST. DIL. FACTOR:	2.00
CONC. FACTOR:	NO

SAMPLE		CYCLE:	1
VOL:	3.0 µl	DIL:	20.0 µl

REAGENT		CYCLE:	1
VOL:	280 µl		

CALCULATION

SAMPLE	LIMIT:	0.3500 ΔA
	POINT:	T1
REAC. DIRECTION:		INCREASE
CHECK:		ON

CONVERS.	FACTOR:	1.0000
	OFFSET:	0.0000

TEST RANGE LOW:	0.0	g/dl
HIGH:	12.0	g/dl
NORM. RANGE LOW:	6.30	g/dl
HIGH:	8.30	g/dl

NUMBER OF STEPS: 1

CALC. STEP A:		ENDPOINT		
READINGS	FIRST:	CB	LAST:	12

CALIBRATION

CALIB. INTERVAL:	ON REQUEST

REAGENT BLANK	
REAG. RANGE LOW:	-0.0100 A
HIGH:	0.5000 A
BLANK RANGE LOW:	-0.0100 A
HIGH:	0.5000 A

CALIBRATOR	CUP POS: 1
CAL-1:	UTIL. DEF

REPLICATE:	TRIPL.
DEVIATION:	6%

CONTROL

CS1 POS:	UTIL. DEF.
CS2 POS:	UTIL. DEF.
CS3 POS:	UTIL. DEF.

Analyzer: Cobas Mira

Application: **TRIGLYCERIDES FL** - Codes TR F100 / F400 / 100F / 150F CH
Preparation: LIQUID READY TO USE SINGLE REAGENT
Storage: REFRIGERATE AT 2-8°C
Stability: UP TO DECLARED EXPIRATION ON REAGENT LABEL

PROGRAM

GENERAL

MEASUREMENT MODE:	ABSORB
REACTION MODE:	R-S
CALIBRATION MODE:	SLOPE AVG
REAGENT BLANK:	REAG/DIL
CLEANER:	NO
WAVELENGHT:	500 nm
DECIMAL POSITION:	0
UNIT:	mg/dl

ANALYSIS

SAMPLE DIL. NAME:	H2O
POST. DIL. FACTOR:	2.00
CONC. FACTOR:	NO

SAMPLE		CYCLE:	1
VOL:	3.0 µl	DIL:	20.0 µl

REAGENT		CYCLE:	1
VOL:	280 µl		

CALCULATION

SAMPLE	LIMIT:	0.1000 ΔA
	POINT:	T1
REAC. DIRECTION:		INCREASE
CHECK:		ON

CONVERS.	FACTOR:	1.0000
	OFFSET:	0.0000

TEST RANGE LOW:	0	mg/dl
HIGH:	1000	mg/dl
NORM. RANGE LOW:	0	mg/dl
HIGH:	200	mg/dl

NUMBER OF STEPS: 1

CALC. STEP A:		ENDPOINT		
READINGS	FIRST:	CB	LAST:	13

CALIBRATION

CALIB. INTERVAL:	ON REQUEST

REAGENT BLANK	
REAG. RANGE LOW:	-0.0500 A
HIGH:	0.1800 A
BLANK RANGE LOW:	-0.0500 A
HIGH:	0.1800 A

CALIBRATOR	CUP POS: 1
CAL-1:	UTIL. DEF

REPLICATE:	TRIPL.
DEVIATION:	6%

CONTROL

CS1 POS:	UTIL. DEF.
CS2 POS:	UTIL. DEF.
CS3 POS:	UTIL. DEF.

Analyzer: Cobas Mira

Application: **UREA UV FL** - Codes AZ F080 / F245 / F400 / F600 CH
Preparation: AS INDICATED IN INSERT SHEET
Storage: REFRIGERATE AT 2-8°C
Stability: 60 DAYS

PROGRAM

GENERAL

MEASUREMENT MODE:		ABSORB
REACTION MODE:		R-S
CALIBRATION MODE:		SLOPE AVG
REAGENT BLANK:		REAG/DIL
CLEANER:		SELECT
AFTER TESTS:	IRON	
WAVELENGHT:		340 nm
DECIMAL POSITION:		1
UNIT:	mg/dl	

ANALYSIS

SAMPLE DIL. NAME:		H2O	
POST. DIL. FACTOR:		2.00	
CONC. FACTOR:		NO	
SAMPLE		CYCLE:	1
VOL:	3.0 µl	DIL:	20.0 µl
REAGENT		CYCLE:	1
VOL:	280 µl		

CALCULATION

SAMPLE	LIMIT:	0.1000 ΔA	
	POINT:	T1	
REAC. DIRECTION:		DECREASE	
CHECK:		ON	
CONVERS.	FACTOR:	1.0000	
	OFFSET:	0.0000	
TEST RANGE LOW:		0.0	mg/dl
	HIGH:	300.0	mg/dl
NORM. RANGE LOW:		10.0	mg/dl
	HIGH:	50.0	mg/dl
NUMBER OF STEPS:		1	
CALC. STEP A:		ENDPOINT	
READINGS	FIRST:	3	LAST: 5

CALIBRATION

CALIB. INTERVAL:	ON REQUEST
REAGENT BLANK	
REAG. RANGE LOW:	0.4000 A
HIGH:	1.4000 A
BLANK RANGE LOW:	-0.0300 A
HIGH:	0.1000 A
CALIBRATOR	CUP POS: 1
CAL-1:	UTIL. DEF
REPLICATE:	TRIPL.
DEVIATION:	6%

CONTROL

CS1 POS:	UTIL. DEF.
CS2 POS:	UTIL. DEF.
CS3 POS:	UTIL. DEF.

Analyzer: Cobas Mira

Application: **URIC ACID T FL** - Code AU F402 CH
Preparation: AS INDICATED IN INSERT SHEET
Storage: REFRIGERATE AT 2-8°C
Stability: 90 DAYS

PROGRAM

GENERAL

MEASUREMENT MODE:	ABSORB
REACTION MODE:	R-S
CALIBRATION MODE:	SLOPE AVG
REAGENT BLANK:	REAG/DIL
CLEANER:	NO
WAVELENGHT:	550 nm
DECIMAL POSITION:	2
UNIT:	mg/dl

ANALYSIS

SAMPLE DIL. NAME:	H2O
POST. DIL. FACTOR:	2.00
CONC. FACTOR:	NO

SAMPLE		CYCLE:	1
VOL:	8.0 µl	DIL:	20.0 µl

REAGENT		CYCLE:	1
VOL:	250 µl		

CALCULATION

SAMPLE	LIMIT:	0.1000 ΔA
	POINT:	T1
REAC. DIRECTION:		INCREASE
CHECK:		ON

CONVERS.	FACTOR:	1.0000
	OFFSET:	0.0000

TEST RANGE LOW:	0.00	mg/dl
HIGH:	25.00	mg/dl
NORM. RANGE LOW:	3.50	mg/dl
HIGH:	7.20	mg/dl

NUMBER OF STEPS: 1

CALC. STEP A:		ENDPOINT		
READINGS	FIRST:	CB	LAST:	16

CALIBRATION

CALIB. INTERVAL:	ON REQUEST

REAGENT BLANK	
REAG. RANGE LOW:	-0.0500 A
HIGH:	0.1600 A
BLANK RANGE LOW:	-0.0500 A
HIGH:	0.1000 A

CALIBRATOR	CUP POS: 1
CAL-1:	UTIL. DEF

REPLICATE:	TRIPL.
DEVIATION:	6%

CONTROL

CS1 POS:	UTIL. DEF.
CS2 POS:	UTIL. DEF.
CS3 POS:	UTIL. DEF.

Analyzer: Cobas Mira

Application: **URIC ACID AOX FL** - Code AX F100 / F250 / F060 CH
Preparation: REAGENT A - INSTALL AS "REAGENT"
REAGENT B - INSTALL AS "START REAGENT 1"
Storage: REFRIGERATE AT 2-8°C

PROGRAM

GENERAL

MEASUREMENT MODE:	ABSORB
REACTION MODE:	R-S-SR1
CALIBRATION MODE:	SLOPE AVG
REAGENT BLANK:	REAG/DIL
CLEANER:	NO
WAVELENGHT:	550 nm
DECIMAL POSITION:	2
UNIT:	mg/dl

ANALYSIS

SAMPLE DIL. NAME:	H2O
POST. DIL. FACTOR:	2.00
CONC. FACTOR:	NO

SAMPLE		CYCLE:	1
VOL:	10.0 µl	DIL:	10.0 µl

REAGENT		CYCLE:	1
VOL:	190 µl		

START REAGENT 1:		CYCLE:	13
VOL:	50 µl	DIL:	5.0 µl

CALCULATION

SAMPLE	LIMIT:	0.5000 ΔA
	POINT:	1
REAC. DIRECTION:		INCREASE
CHECK:		ON

CONVERS.	FACTOR:	1.0000
	OFFSET:	0.0000

TEST RANGE LOW:	0	mg/dl
HIGH:	35	mg/dl
NORM. RANGE LOW:	3.5	mg/dl
HIGH:	7.2	mg/dl

NUMBER OF STEPS: 1

CALC. STEP A:		ENDPOINT	
READINGS	FIRST: 10	LAST:	25
REACTION LIMIT:		NO	

CALIBRATION

CALIB. INTERVAL:		ON REQUEST
REAGENT BLANK		
REAG. RANGE LOW:		NO
HIGH:		NO
BLANK RANGE LOW:		NO
HIGH:		NO
CALIBRATOR	CUP POS:	DEF
CAL-1:	UTIL. DEF	

REPLICATE:	TRIPL.
DEVIATION:	3%

CONTROL

CS1 POS:	UTIL. DEF.
CS2 POS:	UTIL. DEF.
CS3 POS:	UTIL. DEF.

Analyzer: Cobas Mira

Application: **ZINC** - Code ZN 0125 CH
Preparation: AS INDICATED IN INSERT SHEET
Storage: REFRIGERATE AT 2-8°C
Stability: 14 DAYS

PROGRAM

GENERAL

MEASUREMENT MODE:	ABSORB
REACTION MODE:	R-S
CALIBRATION MODE:	SLOPE AVG
REAGENT BLANK:	REAG/DIL
CLEANER:	NO
WAVELENGHT:	600 nm
DECIMAL POSITION:	0
UNIT:	microg/dl

ANALYSIS

SAMPLE DIL. NAME:	H2O
POST. DIL. FACTOR:	2.00
CONC. FACTOR:	NO

SAMPLE		CYCLE:	1
VOL:	15.0 µl	DIL:	20.0 µl

REAGENT		CYCLE:	1
VOL:	280 µl		

CALCULATION

SAMPLE	LIMIT:	0.1000 ΔA
	POINT:	T1
REAC. DIRECTION:		INCREASE
CHECK:		ON

CONVERS.	FACTOR:	1.0000
	OFFSET:	0.0000

TEST RANGE LOW:	0	microg/dl
HIGH:	500	microg/dl
NORM. RANGE LOW:	70	microg/dl
HIGH:	150	microg/dl

NUMBER OF STEPS: 1

CALC. STEP A:		ENDPOINT		
READINGS	FIRST:	CB	LAST:	10

CALIBRATION

CALIB. INTERVAL:	ON REQUEST

REAGENT BLANK	
REAG. RANGE LOW:	-0.0500 A
HIGH:	0.5000 A
BLANK RANGE LOW:	-0.0500 A
HIGH:	0.5000 A

CALIBRATOR	CUP POS: 1
CAL-1:	UTIL. DEF

REPLICATE:	TRIPL.
DEVIATION:	6%

CONTROL

CS1 POS:	UTIL. DEF.
CS2 POS:	UTIL. DEF.
CS3 POS:	UTIL. DEF.