

Clinical chemistry Bayer RA 1000 / RA-XT programs

Warning!

The given programs must be used only as guideline.
To check the reagent correct setting on the instrument, use only good quality control sera and work in accordance with good laboratory practice. Always check instrumental factors.
This company couldn't be considered responsible for instrumental wrong programming.

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

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Analyzer: RA 1000 / RA-XT

Application: **ACID PHOSPHATASE (TOTAL)** - Codes AC 0120 / 0245 TC
 Preparation: POWDER SINGLE REAGENT. FOLLOW PREPARATION PROGRAM INDICATED IN INSERT SHEET.
 Storage: REFRIGERATE AT 2-8°C
 Stability: 10 DAYS

PROGRAM

NAME	ACP
TYPE	ZERO ORDER
INVERSE CHEMISTRY	NO
% SAMPLE VOLUME	60
WAVELENGTH	405
BICHROMATIC FACTOR	
DEPLETION LIMIT	
DELAY TIME	5.00
% REAGENT VOLUME	60
2nd REAGENT	NO
2nd REAGENT VOLUME	
UNITS	U/L
DECIMAL POINT	1
RBL LOW	0.0010
RBL HIGH	1.0000
RANGE LOW	0
RANGE HIGH	75
CALIBRATION FACTOR	1218
REAGENT RATE	0.0000
NORMAL LOW	0
NORMAL HIGH	4.7
SLOPE	1.0000
INTERCEPT	0.0000
C1*10E-6	0.00
C2*10E-6	99999.01
D1*10E-6	20.0
DELTA#	0.02

Analyzer: RA 1000 / RA-XT

Application: **ACID PHOSPHATASE (NON PROSTATIC)** - Codes AC 0120 / 0245 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

NAME	ACP
TYPE	ZERO ORDER
INVERSE CHEMISTRY	NO
% SAMPLE VOLUME	60
WAVELENGTH	405
BICHROMATIC FACTOR	
DEPLETION LIMIT	
DELAY TIME	5.00
% REAGENT VOLUME	60
2nd REAGENT	NO
2nd REAGENT VOLUME	
UNITS	U/L
DECIMAL POINT	1
RBL LOW	0.0010
RBL HIGH	1.0000
RANGE LOW	0
RANGE HIGH	75
CALIBRATION FACTOR	1218
REAGENT RATE	0.0000
NORMAL LOW	0
NORMAL HIGH	3.1
SLOPE	1.0000
INTERCEPT	0.0000
C1*10E-6	0.00
C2*10E-6	99999.01
D1*10E-6	20.0
DELTA#	0.02

Analyzer: RA 1000 / RA-XT

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

PROGRAM

NAME	ALB
TYPE	ENDPOINT
INVERSE CHEMISTRY	NO
% SAMPLE VOLUME	6
WAVELENGTH	600
BICHROMATIC CHEMISTRY	NO
FILTER 2	
BICHROMATIC FACTOR	
VAR BIC	NO
DELAY TIME	2.00
INCUBATION	
DEFAULT	NO
BLANK	
% REAGENT VOLUME	60
2nd REAGENT	NO
2nd REAGENT VOLUME	
A2 DELAY	
UNITS	mg/dl
UNIT FACTOR	1.0000
DECIMAL POINT	1
RBL LOW	0.0010
RBL HIGH	1.0000
RANGE LOW	0
RANGE HIGH	8
CALIBRATION FACTOR	1.0
REAGENT BLANK	0.0000
STANDARD VALUE	**
NORMAL LOW	3.8
NORMAL HIGH	5.1
SLOPE	1.0000
INTERCEPT	0.0000
EP LIMIT	0.1000

** USER DEFINED

Analyzer: RA 1000 / RA-XTApplication: **ALKALINE PHOSPHATASE FL** - Codes AL F245 / F400 / F600 CH

Preparation: AS INDICATED IN INSERT SHEET

Storage: REFRIGERATE AT 2-8°C

Stability: 30 DAYS

PROGRAM

NAME	ALP
TYPE	ZERO ORDER
INVERSE CHEMISTRY	NO
% SAMPLE VOLUME	16
WAVELENGTH	405
BICHROMATIC FACTOR	
DEPLETION LIMIT	
DELAY TIME	1.00
% REAGENT VOLUME	60
2nd REAGENT	NO
2nd REAGENT VOLUME	
UNITS	U/L
DECIMAL POINT	1
RBL LOW	0.0010
RBL HIGH	1.0000
RANGE LOW	0
RANGE HIGH	1500
CALIBRATION FACTOR	3930
REAGENT RATE	0.0000
NORMAL LOW	80
NORMAL HIGH	306
SLOPE	1.0000
INTERCEPT	0.0000
C1*10E-6	0.00
C2*10E-6	99999.01
D1*10E-6	20.0
DELTA#	0.02

Analyzer: RA 1000 / RA-XT

Application: **AMYLASE FL** - Codes AM F120 / F245 / F600 CH
 Preparation: LIQUID READY TO USE SINGLE REAGENT
 Storage: REFRIGERATE AT 2-8°C
 Stability: UP TO DECLARED EXPIRATION ON REAGENT LABEL

PROGRAM

NAME	AMY
TYPE	ZERO ORDER
INVERSE CHEMISTRY	NO
% SAMPLE VOLUME	16
WAVELENGTH	405
BICHROMATIC FACTOR	
DEPLETION LIMIT	
DELAY TIME	1.00
% REAGENT VOLUME	60
2nd REAGENT	NO
2nd REAGENT VOLUME	
UNITS	U/L
DECIMAL POINT	1
RBL LOW	0.0010
RBL HIGH	1.0000
RANGE LOW	0
RANGE HIGH	2000
CALIBRATION FACTOR	4540
REAGENT RATE	0.0000
NORMAL LOW	0
NORMAL HIGH	96
SLOPE	1.0000
INTERCEPT	0.0000
C1*10E-6	0.00
C2*10E-6	99999.01
D1*10E-6	20.0
DELTA#	0.02

Analyzer: RA 1000 / RA-XT

Application: **AMYLASE EPS FL** - Codes EA F245 / F600 CH
 Preparation: AS INDICATED IN INSERT SHEET
 Storage: REFRIGERATE AT 2-8°C
 Stability: UP TO DECLARED EXPIRATION ON REAGENT LABEL

PROGRAM

NAME	AMY
TYPE	ZERO ORDER
INVERSE CHEMISTRY	NO
% SAMPLE VOLUME	16
WAVELENGTH	405
BICHROMATIC FACTOR	
DEPLETION LIMIT	
DELAY TIME	1.00
% REAGENT VOLUME	70
2nd REAGENT	NO
2nd REAGENT VOLUME	
UNITS	U/L
DECIMAL POINT	1
RBL LOW	0.0010
RBL HIGH	1.0000
RANGE LOW	0
RANGE HIGH	2000
CALIBRATION FACTOR	18090
REAGENT RATE	0.0000
NORMAL LOW	0
NORMAL HIGH	96
SLOPE	1.0000
INTERCEPT	0.0000
C1*10E-6	0.00
C2*10E-6	99999.01
D1*10E-6	20.0
DELTA#	0.02

Analyzer: RA 1000 / RA-XTApplication: **PANCREATIC ISOAMYLASE FL** - Code PA F245 CHPreparation: 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

NAME	AMYP
TYPE	ZERO ORDER
INVERSE CHEMISTRY	NO
% SAMPLE VOLUME	12
WAVELENGTH	405
BICHROMATIC FACTOR	
DEPLETION LIMIT	
DELAY TIME	2.00
% REAGENT VOLUME	60
2nd REAGENT	YES
2nd REAGENT VOLUME	15
A2 DELAY	5.00
UNITS	U/L
DECIMAL POINT	1
RBL LOW	0.0010
RBL HIGH	1.0000
RANGE LOW	0
RANGE HIGH	2000
CALIBRATION FACTOR	21620
REAGENT RATE	0.0000
NORMAL LOW	0
NORMAL HIGH	96
SLOPE	1.0000
INTERCEPT	0.0000
C1*10E-6	0.00
C2*10E-6	99999.01
D1*10E-6	20.0
DELTA#	0.02

Analyzer: RA 1000 / RA-XTApplication: **DIRECT BILIRUBIN** - Code BD 0480CH

Preparation: "REAGENT": USE LIQUID READY TO USE REAGENT A

"START REAGENT 1": MIX 10 PARTS OF REAGENT A WITH ONE PART OF REAGENT B
TO BE PREPARED DAILY.

Storage: REFRIGERATE AT 2-8°C

Stability: UP TO DECLARED EXPIRATION ON REAGENT LABEL (ONLY "REAGENT")

PROGRAM

NAME	BILD
TYPE	ENDPOINT
INVERSE CHEMISTRY	NO
% SAMPLE VOLUME	30
WAVELENGTH	550
BICHROMATIC CHEMISTRY	NO
FILTER 2	
BICHROMATIC FACTOR	
VAR BIC	NO
DELAY TIME	5.00
INCUBATION	
DEFAULT	NO
BLANK	
% REAGENT VOLUME	60
2nd REAGENT	YES
2nd REAGENT VOLUME	16
A2 DELAY	4.00
UNITS	mg/dl
UNIT FACTOR	1.0000
DECIMAL POINT	1
RBL LOW	0.0010
RBL HIGH	1.0000
RANGE LOW	0
RANGE HIGH	20
CALIBRATION FACTOR	1.0
REAGENT BLANK	0.0000
STANDARD VALUE	**
NORMAL LOW	0.0
NORMAL HIGH	0.2
SLOPE	1.0000
INTERCEPT	0.0000
EP LIMIT	0.1000

** USER DEFINED

Analyzer: RA 1000 / RA-XTApplication: **TOTAL BILIRUBIN** - Code BT 0360 CH

Preparation: "REAGENT": USE LIQUID READY TO USE REAGENT A

"START REAGENT 1": MIX 30 PARTS OF REAGENT B1 WITH ONE PART OF REAGENT B2.
TO BE PREPARED DAILY

Storage: REFRIGERATE AT 2-8°C

Stability: UP TO DECLARED EXPIRATION ON REAGENT LABEL (ONLY "REAGENT")

PROGRAM

NAME	BILT
TYPE	ENDPOINT
INVERSE CHEMISTRY	NO
% SAMPLE VOLUME	30
WAVELENGTH	500
BICHROMATIC CHEMISTRY	NO
FILTER 2	
BICHROMATIC FACTOR	
VAR BIC	NO
DELAY TIME	5.00
INCUBATION	
DEFAULT	NO
BLANK	
% REAGENT VOLUME	60
2nd REAGENT	YES
2nd REAGENT VOLUME	16
A2 DELAY	4.00
UNITS	mg/dl
UNIT FACTOR	1.0000
DECIMAL POINT	1
RBL LOW	0.0010
RBL HIGH	1.0000
RANGE LOW	0
RANGE HIGH	20
CALIBRATION FACTOR	1.0
REAGENT BLANK	0.0000
STANDARD VALUE	**
NORMAL LOW	0.1
NORMAL HIGH	1.2
SLOPE	1.0000
INTERCEPT	0.0000
EP LIMIT	0.1000

** USER DEFINED

Analyzer: RA 1000 / RA-XT

Application: **CALCIUM** - Code CA 0500 TC
 Preparation: AS INDICATED IN INSERT SHEET
 Storage: REFRIGERATE AT 2-8°C
 Stability: 10 DAYS

PROGRAM

NAME	CA
TYPE	ENDPOINT
INVERSE CHEMISTRY	NO
% SAMPLE VOLUME	10
WAVELENGTH	600
BICHROMATIC CHEMISTRY	NO
FILTER 2	
BICHROMATIC FACTOR	
VAR BIC	NO
DELAY TIME	2.00
INCUBATION	
DEFAULT	NO
BLANK	
% REAGENT VOLUME	60
2nd REAGENT	NO
2nd REAGENT VOLUME	
A2 DELAY	
UNITS	mg/dl
UNIT FACTOR	1.0000
DECIMAL POINT	1
RBL LOW	0.0010
RBL HIGH	1.0000
RANGE LOW	0
RANGE HIGH	20
CALIBRATION FACTOR	1.0
REAGENT BLANK	0.0000
STANDARD VALUE	**
NORMAL LOW	8.8
NORMAL HIGH	10.8
SLOPE	1.0000
INTERCEPT	0.0000
EP LIMIT	0.1000

** USER DEFINED

Analyzer: RA 1000 / RA-XT

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

PROGRAM

NAME	CLOR
TYPE	ENDPOINT
INVERSE CHEMISTRY	NO
% SAMPLE VOLUME	6
WAVELENGTH	500
BICHROMATIC CHEMISTRY	NO
FILTER 2	
BICHROMATIC FACTOR	
VAR BIC	NO
DELAY TIME	5.00
INCUBATION	
DEFAULT	NO
BLANK	
% REAGENT VOLUME	60
2nd REAGENT	NO
2nd REAGENT VOLUME	
A2 DELAY	
UNITS	mEq/l
UNIT FACTOR	1.0000
DECIMAL POINT	1
RBL LOW	0.0010
RBL HIGH	1.0000
RANGE LOW	0
RANGE HIGH	200
CALIBRATION FACTOR	1.0
REAGENT BLANK	0.0000
STANDARD VALUE	**
NORMAL LOW	98
NORMAL HIGH	110
SLOPE	1.0000
INTERCEPT	0.0000
EP LIMIT	0.1000

** USER DEFINED

Analyzer: RA 1000 / RA-XT

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

PROGRAM

NAME	CHOL
TYPE	ENDPOINT
INVERSE CHEMISTRY	NO
% SAMPLE VOLUME	6
WAVELENGTH	500
BICHROMATIC CHEMISTRY	NO
FILTER 2	
BICHROMATIC FACTOR	
VAR BIC	NO
DELAY TIME	5.00
INCUBATION	
DEFAULT	NO
BLANK	
% REAGENT VOLUME	60
2nd REAGENT	NO
2nd REAGENT VOLUME	
A2 DELAY	
UNITS	mg/dl
UNIT FACTOR	1.0000
DECIMAL POINT	1
RBL LOW	0.0010
RBL HIGH	1.0000
RANGE LOW	0
RANGE HIGH	750
CALIBRATION FACTOR	1.0
REAGENT BLANK	0.0000
STANDARD VALUE	**
NORMAL LOW	140
NORMAL HIGH	200
SLOPE	1.0000
INTERCEPT	0.0000
EP LIMIT	0.1000

** USER DEFINED

Analyzer: RA 1000 / RA-XT

Application: **HDL-DIRECT FL** - Code HD F245 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

NAME	HDL
TYPE	ENDPOINT
INVERSE CHEMISTRY	NO
% SAMPLE VOLUME	8
WAVELENGTH	600
BICHROMATIC CHEMISTRY	NO
FILTER 2	
BICHROMATIC FACTOR	
VAR BIC	NO
DELAY TIME	5.00
INCUBATION	
DEFAULT	NO
BLANK	
% REAGENT VOLUME	60
2nd REAGENT	YES
2nd REAGENT VOLUME	20
A2 DELAY	5.00
UNITS	mg/dl
UNIT FACTOR	1.0000
DECIMAL POINT	1
RBL LOW	0.0010
RBL HIGH	1.0000
RANGE LOW	0
RANGE HIGH	250
CALIBRATION FACTOR	1.0
REAGENT BLANK	0.0000
STANDARD VALUE	**
NORMAL LOW	35
NORMAL HIGH	55
SLOPE	1.0000
INTERCEPT	0.0000
EP LIMIT	0.1000

** USER DEFINED

Analyzer: RA 1000 / RA-XTApplication: **CHOLINESTERASE FL (DGKC)** - Codes CH F245 / F400 CHPreparation: 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

NAME	CHE
TYPE	ZERO ORDER
INVERSE CHEMISTRY	YES
% SAMPLE VOLUME	14
WAVELENGTH	405
BICHROMATIC FACTOR	
DEPLETION LIMIT	
DELAY TIME	1.30
% REAGENT VOLUME	70
2nd REAGENT	NO
2nd REAGENT VOLUME	
UNITS	U/L
DECIMAL POINT	0
RBL LOW	0.0010
RBL HIGH	1.0000
RANGE LOW	0
RANGE HIGH	25000
CALIBRATION FACTOR	131000
REAGENT RATE	0.0000
NORMAL LOW	5600
NORMAL HIGH	11200
SLOPE	1.0000
INTERCEPT	0.0000
C1*10E-6	0.00
C2*10E-6	99999.01
D1*10E-6	20.0
DELTA#	0.02

Analyzer: RA 1000 / RA-XT

Application: **CK-NAC FL** - Codes CK F120 / F245 / F600 CH

Preparation: AS INDICATED IN INSERT SHEET

Storage: REFRIGERATE AT 2-8°C

Stability: 30 DAYS

PROGRAM

NAME	CPK
TYPE	ZERO ORDER
INVERSE CHEMISTRY	NO
% SAMPLE VOLUME	24
WAVELENGTH	340
BICHROMATIC FACTOR	
DEPLETION LIMIT	
DELAY TIME	2.00
% REAGENT VOLUME	60
2nd REAGENT	NO
2nd REAGENT VOLUME	
UNITS	U/L
DECIMAL POINT	1
RBL LOW	0.0010
RBL HIGH	1.0000
RANGE LOW	0
RANGE HIGH	1200
CALIBRATION FACTOR	5895
REAGENT RATE	0.0000
NORMAL LOW	0
NORMAL HIGH	190
SLOPE	1.0000
INTERCEPT	0.0000
C1*10E-6	0.00
C2*10E-6	99999.01
D1*10E-6	20.0
DELTA#	0.02

** USER DEFINED

Analyzer: RA 1000 / RA-XT

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

PROGRAM

NAME	MB
TYPE	ZERO ORDER
INVERSE CHEMISTRY	NO
% SAMPLE VOLUME	24
WAVELENGTH	340
BICHROMATIC FACTOR	
DEPLETION LIMIT	
DELAY TIME	5.00
% REAGENT VOLUME	60
2nd REAGENT	NO
2nd REAGENT VOLUME	
UNITS	U/L
DECIMAL POINT	1
RBL LOW	0.0010
RBL HIGH	1.0000
RANGE LOW	0
RANGE HIGH	1200
CALIBRATION FACTOR	11790
REAGENT RATE	0.0000
NORMAL LOW	0
NORMAL HIGH	24
SLOPE	1.0000
INTERCEPT	0.0000
C1*10E-6	0.00
C2*10E-6	99999.01
D1*10E-6	20.0
DELTA#	0.02

** USER DEFINED

Analyzer: RA 1000 / RA-XT

Application: **COPPER** - Code CU 0100 CH
 Preparation: AS INDICATED IN INSERT SHEET
 Storage: REFRIGERATE AT 2-8°C
 Stability: 14 DAYS

PROGRAM

NAME	CU
TYPE	ENDPOINT
INVERSE CHEMISTRY	NO
% SAMPLE VOLUME	50
WAVELENGTH	600
BICHROMATIC CHEMISTRY	NO
FILTER 2	
BICHROMATIC FACTOR	
VAR BIC	NO
DELAY TIME	5.00
INCUBATION	
DEFAULT	NO
BLANK	
% REAGENT VOLUME	75
2nd REAGENT	NO
2nd REAGENT VOLUME	
A2 DELAY	
UNITS	microg/dl
UNIT FACTOR	1.0000
DECIMAL POINT	1
RBL LOW	0.0010
RBL HIGH	1.0000
RANGE LOW	0
RANGE HIGH	500
CALIBRATION FACTOR	1.0
REAGENT BLANK	0.0000
STANDARD VALUE	**
NORMAL LOW	80
NORMAL HIGH	140
SLOPE	1.0000
INTERCEPT	0.0000
EP LIMIT	0.1000

** USER DEFINED

Analyzer: RA 1000 / RA-XT

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

PROGRAM

NAME	CREA
TYPE	FIRST ORDER
INVERSE CHEMISTRY	NO
% SAMPLE VOLUME	60
WAVELENGTH	500
BICHROMATIC CHEMISTRY	NO
FILTER 2	
BICHROMATIC FACTOR	
VAR BIC	NO
DELAY TIME	0.30
INCUBATION	1.00
DEFAULT	NO
BLANK	
% REAGENT VOLUME	60
2nd REAGENT	NO
2nd REAGENT VOLUME	
A2 DELAY	
UNITS	mg/dl
UNIT FACTOR	1.0000
DECIMAL POINT	1
RBL LOW	0.0010
RBL HIGH	1.0000
RANGE LOW	0
RANGE HIGH	15
CALIBRATION FACTOR	1.0
REAGENT BLANK	0.0000
STANDARD VALUE	**
NORMAL LOW	0.6
NORMAL HIGH	1.4
SLOPE	1.0000
INTERCEPT	0.0000
EP LIMIT	0.1000

** USER DEFINED

Analyzer: RA 1000 / RA-XTApplication: **CREATININE ES FL** - Code CR F200 CHPreparation: 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

NAME	CREA
TYPE	FIRST ORDER
INVERSE CHEMISTRY	NO
% SAMPLE VOLUME	32
WAVELENGTH	500
BICHROMATIC CHEMISTRY	NO
FILTER 2	
BICHROMATIC FACTOR	
VAR BIC	NO
DELAY TIME	2.00
INCUBATION	2.00
DEFAULT	NO
BLANK	
% REAGENT VOLUME	64
2nd REAGENT	YES
2nd REAGENT VOLUME	16
A2 DELAY	5.00
UNITS	mg/dl
UNIT FACTOR	1.0000
DECIMAL POINT	1
RBL LOW	0.0010
RBL HIGH	1.0000
RANGE LOW	0
RANGE HIGH	25
CALIBRATION FACTOR	1.0
REAGENT BLANK	0.0000
STANDARD VALUE	**
NORMAL LOW	0.6
NORMAL HIGH	1.2
SLOPE	1.0000
INTERCEPT	0.0000
EP LIMIT	0.1000

** USER DEFINED

Analyzer: RA 1000 / RA-XTApplication: **GAMMA-GT FL** - Codes GT F245 / F400 / F600 CH

Preparation: AS INDICATED IN INSERT SHEET

Storage: REFRIGERATE AT 2-8°C

Stability: 60 DAYS

PROGRAM

NAME	GGT
TYPE	ZERO ORDER
INVERSE CHEMISTRY	NO
% SAMPLE VOLUME	60
WAVELENGTH	405
BICHROMATIC FACTOR	
DEPLETION LIMIT	
DELAY TIME	1.00
% REAGENT VOLUME	60
2nd REAGENT	NO
2nd REAGENT VOLUME	
UNITS	U/L
DECIMAL POINT	1
RBL LOW	0.0010
RBL HIGH	1.0000
RANGE LOW	0
RANGE HIGH	230
CALIBRATION FACTOR	1640
REAGENT RATE	0.0000
NORMAL LOW	10
NORMAL HIGH	47
SLOPE	1.0000
INTERCEPT	0.0000
C1*10E-6	0.00
C2*10E-6	99999.01
D1*10E-6	20.0
DELTA#	0.02

** USER DEFINED

Analyzer: RA 1000 / RA-XT

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

PROGRAM

NAME	GLUC
TYPE	ENDPOINT
INVERSE CHEMISTRY	NO
% SAMPLE VOLUME	6
WAVELENGTH	500
BICHROMATIC CHEMISTRY	NO
FILTER 2	
BICHROMATIC FACTOR	
VAR BIC	NO
DELAY TIME	5.00
INCUBATION	
DEFAULT	NO
BLANK	
% REAGENT VOLUME	60
2nd REAGENT	NO
2nd REAGENT VOLUME	
A2 DELAY	
UNITS	mg/dl
UNIT FACTOR	1.0000
DECIMAL POINT	1
RBL LOW	0.0010
RBL HIGH	1.0000
RANGE LOW	0
RANGE HIGH	500
CALIBRATION FACTOR	1.0
REAGENT BLANK	0.0000
STANDARD VALUE	**
NORMAL LOW	60
NORMAL HIGH	110
SLOPE	1.0000
INTERCEPT	0.0000
EP LIMIT	0.1000

** USER DEFINED

Analyzer: RA 1000 / RA-XT

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

PROGRAM

NAME	GLUC
TYPE	ENDPOINT
INVERSE CHEMISTRY	NO
% SAMPLE VOLUME	6
WAVELENGTH	340
BICHROMATIC CHEMISTRY	NO
FILTER 2	
BICHROMATIC FACTOR	
VAR BIC	NO
DELAY TIME	5.00
INCUBATION	
DEFAULT	NO
BLANK	
% REAGENT VOLUME	60
2nd REAGENT	NO
2nd REAGENT VOLUME	
A2 DELAY	
UNITS	mg/dl
UNIT FACTOR	1.0000
DECIMAL POINT	1
RBL LOW	0.0010
RBL HIGH	1.0000
RANGE LOW	0
RANGE HIGH	1000
CALIBRATION FACTOR	1.0
REAGENT BLANK	0.0000
STANDARD VALUE	**
NORMAL LOW	60
NORMAL HIGH	110
SLOPE	1.0000
INTERCEPT	0.0000
EP LIMIT	0.1000

** USER DEFINED

Analyzer: RA 1000 / RA-XTApplication: **GOT/AST FL** - Codes GO F245 / F400 / F600 CH

Preparation: AS INDICATED IN INSERT SHEET

Storage: REFRIGERATE AT 2-8°C

Stability: 30 DAYS

PROGRAM

NAME	AST
TYPE	ZERO ORDER
INVERSE CHEMISTRY	YES
% SAMPLE VOLUME	60
WAVELENGTH	340
BICHROMATIC FACTOR	
DEPLETION LIMIT	
DELAY TIME	2.00
% REAGENT VOLUME	60
2nd REAGENT	NO
2nd REAGENT VOLUME	
UNITS	U/L
DECIMAL POINT	1
RBL LOW	0.500
RBL HIGH	1.2000
RANGE LOW	0
RANGE HIGH	440
CALIBRATION FACTOR	2494
REAGENT RATE	0.0000
NORMAL LOW	0
NORMAL HIGH	40
SLOPE	1.0000
INTERCEPT	0.0000
C1*10E-6	0.00
C2*10E-6	99999.01
D1*10E-6	20.0
DELTA#	0.02

** USER DEFINED

Analyzer: RA 1000 / RA-XTApplication: **GPT/ALT FL** - Codes GP F245 / F400 / F600 CH

Preparation: AS INDICATED IN INSERT SHEET

Storage: REFRIGERATE AT 2-8°C

Stability: 30 DAYS

PROGRAM

NAME	ALT
TYPE	ZERO ORDER
INVERSE CHEMISTRY	YES
% SAMPLE VOLUME	60
WAVELENGTH	340
BICHROMATIC FACTOR	
DEPLETION LIMIT	
DELAY TIME	2.00
% REAGENT VOLUME	60
2nd REAGENT	NO
2nd REAGENT VOLUME	
UNITS	U/L
DECIMAL POINT	1
RBL LOW	0.500
RBL HIGH	1.2000
RANGE LOW	0
RANGE HIGH	440
CALIBRATION FACTOR	2494
REAGENT RATE	0.0000
NORMAL LOW	0
NORMAL HIGH	40
SLOPE	1.0000
INTERCEPT	0.0000
C1*10E-6	0.00
C2*10E-6	99999.01
D1*10E-6	20.0
DELTA#	0.02

** USER DEFINED

Analyzer: RA 1000 / RA-XT

Application: **IRON FZ** - Code FE F245 / F400 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

NAME	FE
TYPE	ENDPOINT
INVERSE CHEMISTRY	NO
% SAMPLE VOLUME	80
WAVELENGTH	550
BICHROMATIC CHEMISTRY	NO
FILTER 2	
BICHROMATIC FACTOR	
VAR BIC	NO
DELAY TIME	3.00
INCUBATION	
DEFAULT	NO
BLANK	
% REAGENT VOLUME	60
2nd REAGENT	YES
2nd REAGENT VOLUME	15
A2 DELAY	4.00
UNITS	microg/dl
UNIT FACTOR	1.0000
DECIMAL POINT	1
RBL LOW	0.0010
RBL HIGH	1.0000
RANGE LOW	0
RANGE HIGH	1000
CALIBRATION FACTOR	1.0
REAGENT BLANK	0.0000
STANDARD VALUE	**
NORMAL LOW	59
NORMAL HIGH	158
SLOPE	1.0000
INTERCEPT	0.0000
EP LIMIT	0.1000

** USER DEFINED

Analyzer: RA 1000 / RA-XTApplication: **LDH FL** - Codes LD F120 / F245 / F600 CH

Preparation: AS INDICATED IN INSERT SHEET

Storage: REFRIGERATE AT 2-8°C

Stability: 30 DAYS

PROGRAM

NAME	LDH
TYPE	ZERO ORDER
INVERSE CHEMISTRY	YES
% SAMPLE VOLUME	6
WAVELENGTH	340
BICHROMATIC FACTOR	
DEPLETION LIMIT	
DELAY TIME	2.00
% REAGENT VOLUME	60
2nd REAGENT	NO
2nd REAGENT VOLUME	
UNITS	U/L
DECIMAL POINT	1
RBL LOW	0.500
RBL HIGH	1.2000
RANGE LOW	0
RANGE HIGH	1200
CALIBRATION FACTOR	22900
REAGENT RATE	0.0000
NORMAL LOW	225
NORMAL HIGH	450
SLOPE	1.0000
INTERCEPT	0.0000
C1*10E-6	0.00
C2*10E-6	99999.01
D1*10E-6	20.0
DELTA#	0.02

** USER DEFINED

Analyzer: RA 1000 / RA-XTApplication: **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

NAME	MG
TYPE	ENDPOINT
INVERSE CHEMISTRY	NO
% SAMPLE VOLUME	6
WAVELENGTH	500
BICHROMATIC CHEMISTRY	NO
FILTER 2	
BICHROMATIC FACTOR	
VAR BIC	NO
DELAY TIME	2.00
INCUBATION	
DEFAULT	NO
BLANK	
% REAGENT VOLUME	60
2nd REAGENT	NO
2nd REAGENT VOLUME	
A2 DELAY	
UNITS	mEq/l
UNIT FACTOR	1.0000
DECIMAL POINT	1
RBL LOW	0.0010
RBL HIGH	1.0000
RANGE LOW	0
RANGE HIGH	10
CALIBRATION FACTOR	1.0
REAGENT BLANK	0.0000
STANDARD VALUE	**
NORMAL LOW	1.3
NORMAL HIGH	2.1
SLOPE	1.0000
INTERCEPT	0.0000
EP LIMIT	0.1000

** USER DEFINED

Analyzer: RA 1000 / RA-XT

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

PROGRAM

NAME	PHOS
TYPE	ENDPOINT
INVERSE CHEMISTRY	NO
% SAMPLE VOLUME	6
WAVELENGTH	340
BICHROMATIC CHEMISTRY	NO
FILTER 2	
BICHROMATIC FACTOR	
VAR BIC	NO
DELAY TIME	5.00
INCUBATION	
DEFAULT	NO
BLANK	
% REAGENT VOLUME	60
2nd REAGENT	NO
2nd REAGENT VOLUME	
A2 DELAY	
UNITS	mg/dl
UNIT FACTOR	1.0000
DECIMAL POINT	1
RBL LOW	0.0010
RBL HIGH	1.0000
RANGE LOW	0
RANGE HIGH	10
CALIBRATION FACTOR	1.0
REAGENT BLANK	0.0000
STANDARD VALUE	**
NORMAL LOW	3.0
NORMAL HIGH	4.5
SLOPE	1.0000
INTERCEPT	0.0000
EP LIMIT	0.1000

** USER DEFINED

Analyzer: RA 1000 / RA-XT

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

PROGRAM

NAME	HS
TYPE	ENDPOINT
INVERSE CHEMISTRY	NO
% SAMPLE VOLUME	6
WAVELENGTH	600
BICHROMATIC CHEMISTRY	NO
FILTER 2	
BICHROMATIC FACTOR	
VAR BIC	NO
DELAY TIME	5.00
INCUBATION	
DEFAULT	NO
BLANK	
% REAGENT VOLUME	80
2nd REAGENT	NO
2nd REAGENT VOLUME	
A2 DELAY	
UNITS	mg/dl
UNIT FACTOR	1.0000
DECIMAL POINT	1
RBL LOW	0.0010
RBL HIGH	1.0000
RANGE LOW	0
RANGE HIGH	500
CALIBRATION FACTOR	1.0
REAGENT BLANK	0.0000
STANDARD VALUE	**
NORMAL LOW	28
NORMAL HIGH	141
SLOPE	1.0000
INTERCEPT	0.0000
EP LIMIT	0.1000

** USER DEFINED

Analyzer: RA 1000 / RA-XT

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

PROGRAM

NAME	TP
TYPE	ENDPOINT
INVERSE CHEMISTRY	NO
% SAMPLE VOLUME	6
WAVELENGTH	550
BICHROMATIC CHEMISTRY	NO
FILTER 2	
BICHROMATIC FACTOR	
VAR BIC	NO
DELAY TIME	5.00
INCUBATION	
DEFAULT	NO
BLANK	
% REAGENT VOLUME	60
2nd REAGENT	NO
2nd REAGENT VOLUME	
A2 DELAY	
UNITS	g/dl
UNIT FACTOR	1.0000
DECIMAL POINT	1
RBL LOW	0.0010
RBL HIGH	1.0000
RANGE LOW	0
RANGE HIGH	12
CALIBRATION FACTOR	1.0
REAGENT BLANK	0.0000
STANDARD VALUE	**
NORMAL LOW	6.3
NORMAL HIGH	8.4
SLOPE	1.0000
INTERCEPT	0.0000
EP LIMIT	0.1000

** USER DEFINED

Analyzer: RA 1000 / RA-XT

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

PROGRAM

NAME	TRIG
TYPE	ENDPOINT
INVERSE CHEMISTRY	NO
% SAMPLE VOLUME	6
WAVELENGTH	500
BICHROMATIC CHEMISTRY	NO
FILTER 2	
BICHROMATIC FACTOR	
VAR BIC	NO
DELAY TIME	5.00
INCUBATION	
DEFAULT	NO
BLANK	
% REAGENT VOLUME	60
2nd REAGENT	NO
2nd REAGENT VOLUME	
A2 DELAY	
UNITS	mg/dl
UNIT FACTOR	1.0000
DECIMAL POINT	1
RBL LOW	0.0010
RBL HIGH	1.0000
RANGE LOW	0
RANGE HIGH	1000
CALIBRATION FACTOR	1.0
REAGENT BLANK	0.0000
STANDARD VALUE	**
NORMAL LOW	10
NORMAL HIGH	190
SLOPE	1.0000
INTERCEPT	0.0000
EP LIMIT	0.1000

** USER DEFINED

Analyzer: RA 1000 / RA-XTApplication: **UREA UV FL** - Codes AZ F245 / F400 / F600 CH

Preparation: AS INDICATED IN INSERT SHEET

Storage: REFRIGERATE AT 2-8°C

Stability: 60 DAYS

PROGRAM

NAME	UREA
TYPE	FIRST ORDER
INVERSE CHEMISTRY	NO
% SAMPLE VOLUME	6
WAVELENGTH	340
BICHROMATIC CHEMISTRY	NO
FILTER 2	
BICHROMATIC FACTOR	
VAR BIC	NO
DELAY TIME	1.00
INCUBATION	1.00
DEFAULT	NO
BLANK	
% REAGENT VOLUME	60
2nd REAGENT	NO
2nd REAGENT VOLUME	
A2 DELAY	
UNITS	mg/dl
UNIT FACTOR	1.0000
DECIMAL POINT	1
RBL LOW	0.5000
RBL HIGH	1.2000
RANGE LOW	0
RANGE HIGH	300
CALIBRATION FACTOR	1.0
REAGENT BLANK	0.0000
STANDARD VALUE	**
NORMAL LOW	10
NORMAL HIGH	40
SLOPE	1.0000
INTERCEPT	0.0000
EP LIMIT	0.1000

** USER DEFINED

Analyzer: RA 1000 / RA-XT

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

NAME	URIC
TYPE	ENDPOINT
INVERSE CHEMISTRY	NO
% SAMPLE VOLUME	16
WAVELENGTH	550
BICHROMATIC CHEMISTRY	NO
FILTER 2	
BICHROMATIC FACTOR	
VAR BIC	NO
DELAY TIME	5.00
INCUBATION	
DEFAULT	NO
BLANK	
% REAGENT VOLUME	60
2nd REAGENT	NO
2nd REAGENT VOLUME	
A2 DELAY	
UNITS	mg/dl
UNIT FACTOR	1.0000
DECIMAL POINT	1
RBL LOW	0.0010
RBL HIGH	1.0000
RANGE LOW	0
RANGE HIGH	25
CALIBRATION FACTOR	1.0
REAGENT BLANK	0.0000
STANDARD VALUE	**
NORMAL LOW	3.5
NORMAL HIGH	7.0
SLOPE	1.0000
INTERCEPT	0.0000
EP LIMIT	0.1000

** USER DEFINED

Analyzer: RA 1000 / RA-XT

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

PROGRAM

NAME	ZN
TYPE	ENDPOINT
INVERSE CHEMISTRY	NO
% SAMPLE VOLUME	40
WAVELENGTH	600
BICHROMATIC CHEMISTRY	NO
FILTER 2	
BICHROMATIC FACTOR	
VAR BIC	NO
DELAY TIME	5.00
INCUBATION	
DEFAULT	NO
BLANK	
% REAGENT VOLUME	80
2nd REAGENT	NO
2nd REAGENT VOLUME	
A2 DELAY	
UNITS	microg/dl
UNIT FACTOR	1.0000
DECIMAL POINT	1
RBL LOW	0.0010
RBL HIGH	1.0000
RANGE LOW	0
RANGE HIGH	500
CALIBRATION FACTOR	1.0
REAGENT BLANK	0.0000
STANDARD VALUE	**
NORMAL LOW	70
NORMAL HIGH	115
SLOPE	1.0000
INTERCEPT	0.0000
EP LIMIT	0.1000

** USER DEFINED