

Clinical chemistry

Alcyon (Falcor) 300 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: Alcyon 300

Application: **ACID PHOSPHATASE (TOTAL)** - Codes AC 0120 / 0245 TC
Preparation: POWDER SINGLE REAGENT. FOLLOW PREPARATION PROGRAM INDICATED IN INSERT SHEET. INSTALL AS R1
Storage: REFRIGERATE AT 2-8°C
Stability: 7 DAYS AT 2-8°C

PROGRAM

TYPE:	KIN 0
UNIT:	UI/L
NUMBER OF DECIMALS:	0
DILUENT:	97 H2O D
FIRST REAGENT VOL.:	200
SECOND REAGENT VOL.:	0
SAMPLE VOLUME:	20.0
LOWER NORMAL VALUE:	0
HIGHER NORMAL VALUE:	4.7
DILUTION FACTOR:	4
SYSTEMATIC DILUTION:	1
DILUTION FOR URINE:	1
LOW REAGENT BLANK:	0.0000
HIGH REAGENT BLANK:	0.2000
MAXIMUM DEVIATION:	0.0500
PRIMARY WAVELENGTH:	405
HIGH WAVELENGTH:	---
LOW WAVELENGTH:	---
HIGH LIMIT:	0.15
DEPLETION LIMIT:	0.3500
C COMPENSATION FACTOR:	0.100
CALIBRATION FACTOR:	1480
SLOPE:	1.00
INTERCEPT:	0.00
REACTION DELAY:	3:00

Analyzer: Alcyon 300

Application: **ACID PHOSPHATASE (NON PROSTATIC)** - Codes AC 0120 / 0245 TC
Preparation: POWDER SINGLE REAGENT. FOLLOW PREPARATION PROGRAM INDICATED IN INSERT SHEET. INSTALL AS R1
Storage: REFRIGERATE AT 2-8°C
Stability: 7 DAYS AT 2-8°C

PROGRAM

TYPE: KIN 0
UNIT: UI/L
NUMBER OF DECIMALS: 0
DILUENT: 97 H2O D
FIRST REAGENT VOL.: 200
SECOND REAGENT VOL.: 0
SAMPLE VOLUME: 20.0
LOWER NORMAL VALUE: 0
HIGHER NORMAL VALUE: 3.1
DILUTION FACTOR: 4
SYSTEMATIC DILUTION: 1
DILUTION FOR URINE: 1
LOW REAGENT BLANK: 0.0000
HIGH REAGENT BLANK: 0.2000
MAXIMUM DEVIATION: 0.0500
PRIMARY WAVELENGTH: 405
HIGH WAVELENGTH: ---
LOW WAVELENGTH: ---
HIGH LIMIT: 0.15
DEPLETION LIMIT: 0.3500
C COMPENSATION FACTOR: 0.100
CALIBRATION FACTOR: 1480
SLOPE: 1.00
INTERCEPT: 0.00
REACTION DELAY: 3:00

Analyzer: Alcyon 300

Application: **ALBUMIN** - Code BC 0500 / 1500 CH
Preparation: R1 - LIQUID READY TO USE SINGLE REAGENT
Storage: ROOM TEMPERATURE OR REFRIGERATE (2-30°C)
Stability: AS INDICATED IN THE LABEL

PROGRAM

TYPE:	END PT.
UNIT:	g/dl
NUMBER OF DECIMALS:	1
DILUENT:	97 H2O D
FIRST REAGENT VOL.:	300
SECOND REAGENT VOL.:	0
SAMPLE VOLUME:	3.0
LOWER NORMAL VALUE:	3.8
HIGHER NORMAL VALUE:	5.1
DILUTION FACTOR:	2
SYSTEMATIC DILUTION:	1
DILUTION FOR URINE:	1
LOW REAGENT BLANK:	0.0000
HIGH REAGENT BLANK:	0.3000
MAXIMUM DEVIATION:	0.0500
PRIMARY WAVELENGTH:	600
HIGH WAVELENGTH:	---
LOW WAVELENGTH:	---
SYSTEMATIC SERUM BLANK:	NO
T TOLERANCE FACTOR:	0.050
ANTIGEN EXCESS TEST (%):	NO
SLOPE:	1.00
INTERCEPT:	0.00
REACTION DELAY:	4:48

Analyzer: Alcyon 300

Application: **ALKALINE PHOSPHATASE FL** - Codes AL F245 / F400 / F600 CH
Preparation: MIX 4 PARTS OF REAGENT A + 1 PART OF REAGENT B
Storage: REFRIGERATE AT 2-8°C
Stability: 30 DAYS AT 2-8°C

PROGRAM

TYPE: KIN 0
UNIT: UI/L
NUMBER OF DECIMALS: 0
DILUENT: 97 H2O D
FIRST REAGENT VOL.: 200
SECOND REAGENT VOL.: 0
SAMPLE VOLUME: 4.0
LOWER NORMAL VALUE: 64
HIGHER NORMAL VALUE: 306
DILUTION FACTOR: 4
SYSTEMATIC DILUTION: 1
DILUTION FOR URINE: 1
LOW REAGENT BLANK: 0.0000
HIGH REAGENT BLANK: 0.4000
MAXIMUM DEVIATION: 0.0500
PRIMARY WAVELENGTH: 405
HIGH WAVELENGTH: ---
LOW WAVELENGTH: ---
HIGH LIMIT: 0.15
DEPLETION LIMIT: 0.3500
C COMPENSATION FACTOR: 0.050
CALIBRATION FACTOR: 5514
SLOPE: 1.00
INTERCEPT: 0.00
REACTION DELAY: 2:00

Analyzer: Alcyon 300

Application: **AMYLASE FL** - Codes AM F120 / F245 / F600 CH
Preparation: R1 - LIQUID READY TO USE SINGLE REAGENT
Storage: REFRIGERATE AT 2-8°C
Stability: AS INDICATED IN THE LABEL

PROGRAM

TYPE:	KIN 0
UNIT:	UI/L
NUMBER OF DECIMALS:	0
DILUENT:	97 H2O D
FIRST REAGENT VOL.:	200
SECOND REAGENT VOL.:	0
SAMPLE VOLUME:	5.0
LOWER NORMAL VALUE:	0
HIGHER NORMAL VALUE:	96
DILUTION FACTOR:	4
SYSTEMATIC DILUTION:	1
DILUTION FOR URINE:	1
LOW REAGENT BLANK:	0.0000
HIGH REAGENT BLANK:	0.2000
MAXIMUM DEVIATION:	0.0500
PRIMARY WAVELENGTH:	405
HIGH WAVELENGTH:	---
LOW WAVELENGTH:	---
HIGH LIMIT:	0.15
DEPLETION LIMIT:	0.3500
C COMPENSATION FACTOR:	0.050
CALIBRATION FACTOR:	6350
SLOPE:	1.00
INTERCEPT:	0.00
REACTION DELAY:	1:00

Analyzer: Alcyon 300

Application: **AMYLASE EPS FL** - Codes EA F245 / F600 CH
Preparation: MIX 4 PARTS OF REAGENT A + 1 PART OF REAGENT B
Storage: REFRIGERATE AT 2-8°C
Stability: 30 DAYS AT 2-8°C.

PROGRAM

TYPE:	KIN 0
UNIT:	UI/L
NUMBER OF DECIMALS:	0
DILUENT:	97 H2O D
FIRST REAGENT VOL.:	200
SECOND REAGENT VOL.:	0
SAMPLE VOLUME:	4.0
LOWER NORMAL VALUE:	10
HIGHER NORMAL VALUE:	220
DILUTION FACTOR:	4
SYSTEMATIC DILUTION:	1
DILUTION FOR URINE:	1
LOW REAGENT BLANK:	0.0000
HIGH REAGENT BLANK:	0.2000
MAXIMUM DEVIATION:	0.0500
PRIMARY WAVELENGTH:	405
HIGH WAVELENGTH:	---
LOW WAVELENGTH:	---
HIGH LIMIT:	0.15
DEPLETION LIMIT:	0.3500
C COMPENSATION FACTOR:	0.050
CALIBRATION FACTOR:	23200
SLOPE:	1.00
INTERCEPT:	0.00
REACTION DELAY:	3:00

Analyzer: Alcyon 300Application: **PANCREATIC ISOAMYLASE FL** - Codes PA F245 CHPreparation: 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

PROGRAM

TYPE:	KIN 0
UNIT:	UI/L
NUMBER OF DECIMALS:	0
DILUENT:	97 H2O D
FIRST REAGENT VOL.:	200
SECOND REAGENT VOL.:	50
SAMPLE VOLUME:	4.0
LOWER NORMAL VALUE:	17
HIGHER NORMAL VALUE:	115
DILUTION FACTOR:	4
SYSTEMATIC DILUTION:	1
DILUTION FOR URINE:	1
LOW REAGENT BLANK:	0.0000
HIGH REAGENT BLANK:	0.2000
MAXIMUM DEVIATION:	0.0500
PRIMARY WAVELENGTH:	405
HIGH WAVELENGTH:	---
LOW WAVELENGTH:	---
HIGH LIMIT:	0.15
DEPLETION LIMIT:	0.3500
C COMPENSATION FACTOR:	0.050
CALIBRATION FACTOR:	30280
SLOPE:	1.00
INTERCEPT:	0.00
DELAY FOR RGT. 2 DISPENSE:	3:00
REACTION DELAY:	2:00

Analyzer: Alcyon 300

Application: **DIRECT BILIRUBIN** - Code BD 0480 CH
Preparation: R1 - MIX 30 PARTS OF REAGENT A WITH ONE PART OF REAGENT B.
Storage: REFRIGERATE AT 2-8°C
Stability: 7 DAYS AT 2-8°C

PROGRAM (SINGLE REAGENT)

TYPE:	END PT.
UNIT:	mg/dl
NUMBER OF DECIMALS:	1
DILUENT:	97 H2O D
FIRST REAGENT VOL.:	200
SECOND REAGENT VOL.:	0
SAMPLE VOLUME:	10.0
LOWER NORMAL VALUE:	0.0
HIGHER NORMAL VALUE:	0.2
DILUTION FACTOR:	4
SYSTEMATIC DILUTION:	1
DILUTION FOR URINE:	1
LOW REAGENT BLANK:	0.0000
HIGH REAGENT BLANK:	0.0800
MAXIMUM DEVIATION:	0.0500
PRIMARY WAVELENGTH:	550
HIGH WAVELENGTH:	---
LOW WAVELENGTH:	---
SYSTEMATIC SERUM BLANK:	YES
T TOLERANCE FACTOR:	0.050
ANTIGEN EXCESS TEST (%):	NO
SLOPE:	1.00
INTERCEPT:	0.00
REACTION DELAY:	2:12

Analyzer: Alcyon 300

Application: **TOTAL BILIRUBIN** - Code BT 0360 CH
Preparation: R1 - USE LIQUID READY TO USE REAGENT A
(double reag.) R2 - MIX 30 PARTS OF REAGENT B1 WITH ONE PART OF REAGENT B2.
Storage: REFRIGERATE AT 2-8°C
Stability: R1: AS INDICATED IN THE LABEL - R2: 7 DAYS

PROGRAM (DOUBLE REAGENT)

TYPE:	END PT.
UNIT:	mg/dl
NUMBER OF DECIMALS:	1
DILUENT:	97 H2O D
FIRST REAGENT VOL.:	200
SECOND REAGENT VOL.:	50
SAMPLE VOLUME:	10.0
LOWER NORMAL VALUE:	0.1
HIGHER NORMAL VALUE:	1.2
DILUTION FACTOR:	4
SYSTEMATIC DILUTION:	1
DILUTION FOR URINE:	1
LOW REAGENT BLANK:	0.0000
HIGH REAGENT BLANK:	0.0800
MAXIMUM DEVIATION:	0.0500
PRIMARY WAVELENGTH:	500
HIGH WAVELENGTH:	---
LOW WAVELENGTH:	---
T TOLERANCE FACTOR:	0.050
ANTIGEN EXCESS TEST (%):	NO
SLOPE:	1.00
INTERCEPT:	0.00
DELAY FOR RGT.2 DISPENSE:	0:36
REACTION DELAY:	5:12

Analyzer: Alcyon 300

Application: **CALCIUM** - Code CA 0500 TC
Preparation: MIX 1 PART OF REAGENT A + 1 PART OF REAGENT B
Storage: REFRIGERATE AT 2-8°C
Stability: 14 gg. a 2-8°C

PROGRAM

TYPE:	END PT.
UNIT:	mg/dl
NUMBER OF DECIMALS:	1
DILUENT:	97 H2O D
FIRST REAGENT VOL.:	250
SECOND REAGENT VOL.:	0
SAMPLE VOLUME:	4.0
LOWER NORMAL VALUE:	8.8
HIGHER NORMAL VALUE:	10.8
DILUTION FACTOR:	4
SYSTEMATIC DILUTION:	1
DILUTION FOR URINE:	1
LOW REAGENT BLANK:	0.0000
HIGH REAGENT BLANK:	0.2500
MAXIMUM DEVIATION:	0.0500
PRIMARY WAVELENGTH:	550
HIGH WAVELENGTH:	---
LOW WAVELENGTH:	---
SYSTEMATIC SERUM BLANK:	NO
T TOLERANCE FACTOR:	0.050
ANTIGEN EXCESS TEST (%):	NO
SLOPE:	1.00
INTERCEPT:	0.00
REACTION DELAY:	2:12

Analyzer: Alcyon 300

Application: **CHOLESTEROL FL** - Code CT F400 / 150F CH
Preparation: R1 - LIQUID READY TO USE SINGLE REAGENT
Storage: REFRIGERATE AT 2-8°C
Stability: AS INDICATED IN THE LABEL

PROGRAM

TYPE:	END PT.
UNIT:	mg/dl
NUMBER OF DECIMALS:	0
DILUENT:	97 H2O D
FIRST REAGENT VOL.:	300
SECOND REAGENT VOL.:	0
SAMPLE VOLUME:	3.0
LOWER NORMAL VALUE:	140
HIGHER NORMAL VALUE:	200
DILUTION FACTOR:	4
SYSTEMATIC DILUTION:	1
DILUTION FOR URINE:	1
LOW REAGENT BLANK:	0.0000
HIGH REAGENT BLANK:	0.1000
MAXIMUM DEVIATION:	0.0500
PRIMARY WAVELENGTH:	500
HIGH WAVELENGTH:	---
LOW WAVELENGTH:	---
SYSTEMATIC SERUM BLANK:	NO
T TOLERANCE FACTOR:	0.050
ANTIGEN EXCESS TEST (%):	NO
SLOPE:	1.00
INTERCEPT:	0.00
REACTION DELAY:	4:48

Analyzer: Alcyon 300Application: **HDL DIRECT FL-** Code HD F245 CH

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

PROGRAM

TYPE:	END PT.
UNIT:	mg/dl
NUMBER OF DECIMALS:	0
DILUENT:	97 H2O D
FIRST REAGENT VOL.:	210
SECOND REAGENT VOL.:	70
SAMPLE VOLUME:	3.0
LOWER NORMAL VALUE:	35
HIGHER NORMAL VALUE:	55
DILUTION FACTOR:	4
SYSTEMATIC DILUTION:	1
DILUTION FOR URINE:	1
LOW REAGENT BLANK:	0.0000
HIGH REAGENT BLANK:	0.3000
MAXIMUM DEVIATION:	0.0500
PRIMARY WAVELENGTH:	600
HIGH WAVELENGTH:	---
LOW WAVELENGTH:	---
SYSTEMATIC SERUM BLANK:	NO
T TOLERANCE FACTOR:	0.050
ANTIGEN EXCESS TEST (%):	NO
SLOPE:	1.00
INTERCEPT:	0.00
DELAY FOR RGT. 2 DISPENSE:	3:00
REACTION DELAY:	3:24

Analyzer: Alcyon 300

Application: **CHOLINESTERASE FL (DGKC)** - Codes CH F245 / F400 CH
Preparation: MIX 5 PARTS OF REAGENT A + 1 PART OF REAGENT B
Stability: 14 DAYS AT 2-8°C

PROGRAM

TYPE:	KIN 0
UNIT:	UI/L
NUMBER OF DECIMALS:	0
DILUENT:	97 H2O D
FIRST REAGENT VOL.:	240
SECOND REAGENT VOL.:	0
SAMPLE VOLUME:	4.0
LOWER NORMAL VALUE:	5600
HIGHER NORMAL VALUE:	11200
DILUTION FACTOR:	4
SYSTEMATIC DILUTION:	1
DILUTION FOR URINE:	1
LOW REAGENT BLANK:	0.4000
HIGH REAGENT BLANK:	3.0000
MAXIMUM DEVIATION:	0.0500
PRIMARY WAVELENGTH:	405
HIGH WAVELENGTH:	---
LOW WAVELENGTH:	---
HIGH LIMIT:	0.15
DEPLETION LIMIT:	0.3500
C COMPENSATION FACTOR:	0.050
CALIBRATION FACTOR:	131600
SLOPE:	2.00
INTERCEPT:	0.00
REACTION DELAY:	1:36

Analyzer: Alcyon 300

Application: **CK-MB FL** - Code MB F120 CH
Preparation: MIX 4 PARTS OF REAGENT A + 1 PART OF REAGENT B
Storage: REFRIGERATE AT 2-8°C
Stability: 10 DAYS AT 2-8°C

PROGRAM

TYPE: KIN 0
UNIT: UI/L
NUMBER OF DECIMALS: 0
DILUENT: 97 H2O D
FIRST REAGENT VOL.: 200
SECOND REAGENT VOL.: 0
SAMPLE VOLUME: 10.0
LOWER NORMAL VALUE: 0
HIGHER NORMAL VALUE: 24
DILUTION FACTOR: 4
SYSTEMATIC DILUTION: 1
DILUTION FOR URINE: 1
LOW REAGENT BLANK: 0.0000
HIGH REAGENT BLANK: 0.5000
MAXIMUM DEVIATION: 0.0500
PRIMARY WAVELENGTH: 340
HIGH WAVELENGTH: ---
LOW WAVELENGTH: ---
HIGH LIMIT: 0.15
DEPLETION LIMIT: 0.2000
C COMPENSATION FACTOR: 0.1000
CALIBRATION FACTOR: 16500
SLOPE: 1.00
INTERCEPT: 0.00
REACTION DELAY: 3:00

Analyzer: Alcyon 300

Application: **CK-NAC FL** - Codes CK F120 / F245 / F600 CH
Preparation: MIX 4 PARTS OF REAGENT A + 1 PART OF REAGENT B
Storage: REFRIGERATE AT 2-8°C
Stability: 14 DAYS AT 2-8°C

PROGRAM

TYPE: KIN 0
UNIT: UI/L
NUMBER OF DECIMALS: 0
DILUENT: 97 H2O D
FIRST REAGENT VOL.: 200
SECOND REAGENT VOL.: 0
SAMPLE VOLUME: 5.0
LOWER NORMAL VALUE: 0
HIGHER NORMAL VALUE: 190
DILUTION FACTOR: 4
SYSTEMATIC DILUTION: 1
DILUTION FOR URINE: 1
LOW REAGENT BLANK: 0.0000
HIGH REAGENT BLANK: 0.5000
MAXIMUM DEVIATION: 0.0500
PRIMARY WAVELENGTH: 340
HIGH WAVELENGTH: ---
LOW WAVELENGTH: ---
HIGH LIMIT: 0.15
DEPLETION LIMIT: 0.2000
C COMPENSATION FACTOR: 0.1000
CALIBRATION FACTOR: 13000
SLOPE: 1.00
INTERCEPT: 0.00
REACTION DELAY: 1:00

Analyzer: Alcyon 300

Application: **COPPER** - Code CU 0100 CH
Preparation: MIX 1 PART OF REAGENT A + 1 PART OF REAGENT B
Storage: REFRIGERATE AT 2-8°C
Stability: 14 DAYS

PROGRAM

TYPE:	END PT.
UNIT:	microg/dl
NUMBER OF DECIMALS:	0
DILUENT:	97 H2O D
FIRST REAGENT VOL.:	200
SECOND REAGENT VOL.:	0
SAMPLE VOLUME:	15.0
LOWER NORMAL VALUE:	80
HIGHER NORMAL VALUE:	140
DILUTION FACTOR:	4
SYSTEMATIC DILUTION:	1
DILUTION FOR URINE:	1
LOW REAGENT BLANK:	0.0000
HIGH REAGENT BLANK:	0.3000
MAXIMUM DEVIATION:	0.0500
PRIMARY WAVELENGTH:	600
HIGH WAVELENGTH:	---
LOW WAVELENGTH:	---
SYSTEMATIC SERUM BLANK:	NO
T TOLERANCE FACTOR:	0.1000
ANTIGEN EXCESS TEST (%):	NO
SLOPE:	1.00
INTERCEPT:	0.00
REACTION DELAY:	4:24

Analyzer: Alcyon 300

Application: **CREATININE** - Code CR 0500 CH
Preparation: MIX 1 PART OF REAGENT A + 1 PART OF REAGENT B
Storage: ROOM TEMPERATURE OR REFRIGERATE (2-30°C)
Stability: 7 DAYS

PROGRAM

TYPE:	KIN 1
UNIT:	mg/dl
NUMBER OF DECIMALS:	0
DILUENT:	97 H2O D
FIRST REAGENT VOL.:	200
SECOND REAGENT VOL.:	0
SAMPLE VOLUME:	10.0
LOWER NORMAL VALUE:	0.6
HIGHER NORMAL VALUE:	1.4
DILUTION FACTOR:	4
SYSTEMATIC DILUTION:	1
DILUTION FOR URINE:	1
LOW REAGENT BLANK:	0.0000
HIGH REAGENT BLANK:	0.5000
MAXIMUM DEVIATION:	0.0500
PRIMARY WAVELENGTH:	500
HIGH WAVELENGTH:	---
LOW WAVELENGTH:	---
DEPLETION LIMIT:	0.4000
TOLERANCE FACTOR:	0.2000
C COMPENSATION FACTOR:	1.0000
SLOPE:	1.00
INTERCEPT:	0.00
REACTION DELAY:	0:36
INCUBATION	1:00
TOTAL	1:36

Analyzer: Alcyon 300

Application: **CREATININE ES FL** - Code CR F200 CH
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

PROGRAM

TYPE:	KIN 1
UNIT:	mg/dl
NUMBER OF DECIMALS:	0
DILUENT:	97 H2O D
FIRST REAGENT VOL.:	200
SECOND REAGENT VOL.:	50
SAMPLE VOLUME:	10.0
LOWER NORMAL VALUE:	0.6
HIGHER NORMAL VALUE:	1.2
DILUTION FACTOR:	4
SYSTEMATIC DILUTION:	1
DILUTION FOR URINE:	1
LOW REAGENT BLANK:	0.0000
HIGH REAGENT BLANK:	0.5000
MAXIMUM DEVIATION:	0.0500
PRIMARY WAVELENGTH:	500
HIGH WAVELENGTH:	---
LOW WAVELENGTH:	---
DEPLETION LIMIT:	0.4000
TOLERANCE FACTOR:	0.2000
C COMPENSATION FACTOR:	1.2000
SLOPE:	1.00
INTERCEPT:	0.00
DELAY FOR RGT.2 DISPENSE:	3:24
REACTION DELAY:	1:24
INCUBATION	1:24
TOTAL	6:12

Analyzer: Alcyon 300

Application: **GAMMA-GT FL** - Codes GT F245 / F400 / F600 CH
Preparation: MIX 4 PARTS OF REAGENT A + 1 PART OF REAGENT B
Storage: REFRIGERATE AT 2-8°C
Stability: 60 DAYS AT 2-8°C

PROGRAM

TYPE: KIN 0
UNIT: UI/L
NUMBER OF DECIMALS: 0
DILUENT: 97 H2O D
FIRST REAGENT VOL.: 200
SECOND REAGENT VOL.: 0
SAMPLE VOLUME: 20.0
LOWER NORMAL VALUE: 10
HIGHER NORMAL VALUE: 47
DILUTION FACTOR: 4
SYSTEMATIC DILUTION: 1
DILUTION FOR URINE: 1
LOW REAGENT BLANK: 0.0000
HIGH REAGENT BLANK: 0.5000
MAXIMUM DEVIATION: 0.0500
PRIMARY WAVELENGTH: 405
HIGH WAVELENGTH: ---
LOW WAVELENGTH: ---
HIGH LIMIT: 0.15
DEPLETION LIMIT: 0.3500
C COMPENSATION FACTOR: 0.050
CALIBRATION FACTOR: 2316
SLOPE: 1.00
INTERCEPT: 0.00
REACTION DELAY: 2:00

Analyzer: Alcyon 300

Application: **GLUCOSE FL** - Code GL F400 / 150F CH
Preparation: R1 - LIQUID READY TO USE SINGLE REAGENT
Storage: REFRIGERATE AT 2-8°C
Stability: AS INDICATED IN THE LABEL

PROGRAM

TYPE:	END PT.
UNIT:	mg/dl
NUMBER OF DECIMALS:	0
DILUENT:	97 H2O D
FIRST REAGENT VOL.:	300
SECOND REAGENT VOL.:	0
SAMPLE VOLUME:	3.0
LOWER NORMAL VALUE:	60
HIGHER NORMAL VALUE:	110
DILUTION FACTOR:	4
SYSTEMATIC DILUTION:	1
DILUTION FOR URINE:	1
LOW REAGENT BLANK:	0.0000
HIGH REAGENT BLANK:	0.1000
MAXIMUM DEVIATION:	0.0500
PRIMARY WAVELENGTH:	500
HIGH WAVELENGTH:	---
LOW WAVELENGTH:	---
SYSTEMATIC SERUM BLANK:	NO
T TOLERANCE FACTOR:	0.1000
ANTIGEN EXCESS TEST (%):	NO
SLOPE:	1.00
INTERCEPT:	0.00
REACTION DELAY:	5:12

Analyzer: Alcyon 300

Application: **GLUCOSE UV FL** - Code GL F601 CH
Preparation: MIX 4 PARTS OF REAGENT A + 1 PART OF REAGENT B
Storage: REFRIGERATE AT 2-8°C
Stability: 60 DAYS AT 2-8°C

PROGRAM

TYPE:	END PT.
UNIT:	mg/dl
NUMBER OF DECIMALS:	0
DILUENT:	97 H2O D
FIRST REAGENT VOL.:	300
SECOND REAGENT VOL.:	0
SAMPLE VOLUME:	3.0
LOWER NORMAL VALUE:	60
HIGHER NORMAL VALUE:	110
DILUTION FACTOR:	4
SYSTEMATIC DILUTION:	1
DILUTION FOR URINE:	1
LOW REAGENT BLANK:	0.0000
HIGH REAGENT BLANK:	0.3000
MAXIMUM DEVIATION:	0.0500
PRIMARY WAVELENGTH:	340
HIGH WAVELENGTH:	---
LOW WAVELENGTH:	---
SYSTEMATIC SERUM BLANK:	NO
T TOLERANCE FACTOR:	0.1000
ANTIGEN EXCESS TEST (%):	NO
SLOPE:	1.00
INTERCEPT:	0.00
REACTION DELAY:	5:12

Analyzer: Alcyon 300

Application: **GOT/AST FL** - Codes GO F245 / F400 / F600 CH
Preparation: MIX 4 PARTS OF REAGENT A + 1 PART OF REAGENT B
Storage: REFRIGERATE AT 2-8°C
Stability: 30 DAYS AT 2-8°C

PROGRAM

TYPE:	KIN 0
UNIT:	UI/L
NUMBER OF DECIMALS:	0
DILUENT:	97 H2O D
FIRST REAGENT VOL.:	200
SECOND REAGENT VOL.:	0
SAMPLE VOLUME:	20.0
LOWER NORMAL VALUE:	0
HIGHER NORMAL VALUE:	40
DILUTION FACTOR:	4
SYSTEMATIC DILUTION:	1
DILUTION FOR URINE:	1
LOW REAGENT BLANK:	0.4000
HIGH REAGENT BLANK:	3.0000
MAXIMUM DEVIATION:	0.0500
PRIMARY WAVELENGTH:	340
HIGH WAVELENGTH:	380
LOW WAVELENGTH:	---
POLYCHROMATIC FACTOR:	0.1500
HIGH LIMIT:	0.15
DEPLETION LIMIT:	0.3500
C COMPENSATION FACTOR:	0.3000
CALIBRATION FACTOR:	3700
SLOPE:	1.00
INTERCEPT:	0.00
REACTION DELAY:	3:00

Analyzer: Alcyon 300

Application: **GPT/ALT FL** - Codes GP F245 / F400 / F600 CH
Preparation: MIX 4 PARTS OF REAGENT A + 1 PART OF REAGENT B
Storage: REFRIGERATE AT 2-8°C
Stability: 30 DAYS AT 2-8°C

PROGRAM

TYPE: KIN 0
UNIT: UI/L
NUMBER OF DECIMALS: 0
DILUENT: 97 H2O D
FIRST REAGENT VOL.: 200
SECOND REAGENT VOL.: 0
SAMPLE VOLUME: 20.0
LOWER NORMAL VALUE: 0
HIGHER NORMAL VALUE: 40
DILUTION FACTOR: 4
SYSTEMATIC DILUTION: 1
DILUTION FOR URINE: 1
LOW REAGENT BLANK: 0.4000
HIGH REAGENT BLANK: 3.0000
MAXIMUM DEVIATION: 0.0500
PRIMARY WAVELENGTH: 340
HIGH WAVELENGTH: 380
LOW WAVELENGTH: ---
POLYCHROMATIC FACTOR: 0.1500
HIGH LIMIT: 0.15
DEPLETION LIMIT: 0.3500
C COMPENSATION FACTOR: 0.3000
CALIBRATION FACTOR: 3700
SLOPE: 1.00
INTERCEPT: 0.00
REACTION DELAY: 3:00

Analyzer: Alcyon 300

Application: **HBDH FL** - Code HB F245 CH
Preparation: MIX 4 PARTS OF REAGENT A + 1 PART OF REAGENT B
Storage: REFRIGERATE AT 2-8°C
Stability: 30 DAYS AT 2-8°C

PROGRAM

TYPE: KIN 0
UNIT: UI/L
NUMBER OF DECIMALS: 0
DILUENT: 97 H2O D
FIRST REAGENT VOL.: 300
SECOND REAGENT VOL.: 0
SAMPLE VOLUME: 3.0
LOWER NORMAL VALUE: 96
HIGHER NORMAL VALUE: 190
DILUTION FACTOR: 4
SYSTEMATIC DILUTION: 1
DILUTION FOR URINE: 1
LOW REAGENT BLANK: 0.4000
HIGH REAGENT BLANK: 3.0000
MAXIMUM DEVIATION: 0.0500
PRIMARY WAVELENGTH: 340
HIGH WAVELENGTH: ---
LOW WAVELENGTH: ---
HIGH LIMIT: 0.15
DEPLETION LIMIT: 0.2000
C COMPENSATION FACTOR: 0.1000
CALIBRATION FACTOR: 59400
SLOPE: 1.00
INTERCEPT: 0.00
REACTION DELAY: 1:00

Analyzer: Alcyon 300

Application: **IRON FZ** - Codes FE F245 / F400 CH
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

PROGRAM

TYPE:	END PT.
UNIT:	microg/dl
NUMBER OF DECIMALS:	0
DILUENT:	97 H2O D
FIRST REAGENT VOL.:	200
SECOND REAGENT VOL.:	50
SAMPLE VOLUME:	25.0
LOWER NORMAL VALUE:	59
HIGHER NORMAL VALUE:	158
DILUTION FACTOR:	4
SYSTEMATIC DILUTION:	1
DILUTION FOR URINE:	1
LOW REAGENT BLANK:	0.0000
HIGH REAGENT BLANK:	0.3000
MAXIMUM DEVIATION:	0.0500
PRIMARY WAVELENGTH:	550
HIGH WAVELENGTH:	---
LOW WAVELENGTH:	---
T TOLERANCE FACTOR:	0.050
ANTIGEN EXCESS TEST (%):	NO
SLOPE:	1.00
INTERCEPT:	0.00
DELAY FOR RGT.2 DISPENSE:	3:00
REACTION DELAY:	6:24

Analyzer: Alcyon 300

Application: **LDH FL** - Codes LD F120 / F245 / F600 CH
Preparation: MIX 4 PARTS OF REAGENT A + 1 PART OF REAGENT B
Storage: REFRIGERATE AT 2-8°C
Stability: 30 DAYS AT 2-8°C

PROGRAM

TYPE:	KIN 0
UNIT:	UI/L
NUMBER OF DECIMALS:	0
DILUENT:	97 H2O D
FIRST REAGENT VOL.:	300
SECOND REAGENT VOL.:	0
SAMPLE VOLUME:	3.0
LOWER NORMAL VALUE:	225
HIGHER NORMAL VALUE:	450
DILUTION FACTOR:	4
SYSTEMATIC DILUTION:	1
DILUTION FOR URINE:	1
LOW REAGENT BLANK:	0.4000
HIGH REAGENT BLANK:	3.0000
MAXIMUM DEVIATION:	0.0500
PRIMARY WAVELENGTH:	340
HIGH WAVELENGTH:	---
LOW WAVELENGTH:	---
HIGH LIMIT:	0.15
DEPLETION LIMIT:	0.2000
C COMPENSATION FACTOR:	0.1000
CALIBRATION FACTOR:	59400
SLOPE:	1.00
INTERCEPT:	0.00
REACTION DELAY:	1:00

Analyzer: Alcyon 300

Application: **MAGNESIUM** - Codes MG 0200 / 0500 CH
Preparation: MIX 1 PART OF REAGENT A + 1 PART OF REAGENT B
Storage: ROOMTEMPERATURE OR REFRIGERATE (2-30°C)
Stability: 3 MONTHS

PROGRAM

TYPE:	END PT.
UNIT:	mEq/l
NUMBER OF DECIMALS:	1
DILUENT:	97 H2O D
FIRST REAGENT VOL.:	300
SECOND REAGENT VOL.:	0
SAMPLE VOLUME:	3.0
LOWER NORMAL VALUE:	1.3
HIGHER NORMAL VALUE:	2.1
DILUTION FACTOR:	4
SYSTEMATIC DILUTION:	1
DILUTION FOR URINE:	1
LOW REAGENT BLANK:	0.0000
HIGH REAGENT BLANK:	0.3000
MAXIMUM DEVIATION:	0.0500
PRIMARY WAVELENGTH:	500
HIGH WAVELENGTH:	---
LOW WAVELENGTH:	---
SYSTEMATIC SERUM BLANK:	NO
T TOLERANCE FACTOR:	0.1000
ANTIGEN EXCESS TEST (%):	NO
SLOPE:	1.00
INTERCEPT:	0.00
REACTION DELAY:	2:12

Analyzer: Alcyon 300

Application: **PHOSPHORUS** - Code PH 0500 CH
Preparation: R1 - LIQUID READY TO USE SINGLE REAGENT
Storage: REFRIGERATE AT 2-8°C
Stability: AS INDICATED IN THE LABEL

PROGRAM

TYPE:	END PT.
UNIT:	mg/dl
NUMBER OF DECIMALS:	1
DILUENT:	97 H2O D
FIRST REAGENT VOL.:	300
SECOND REAGENT VOL.:	0
SAMPLE VOLUME:	3.0
LOWER NORMAL VALUE:	3.0
HIGHER NORMAL VALUE:	4.5
DILUTION FACTOR:	4
SYSTEMATIC DILUTION:	1
DILUTION FOR URINE:	1
LOW REAGENT BLANK:	0.0000
HIGH REAGENT BLANK:	0.3000
MAXIMUM DEVIATION:	0.0500
PRIMARY WAVELENGTH:	340
HIGH WAVELENGTH:	---
LOW WAVELENGTH:	---
SYSTEMATIC SERUM BLANK:	NO
T TOLERANCE FACTOR:	0.050
ANTIGEN EXCESS TEST (%):	NO
SLOPE:	1.00
INTERCEPT:	0.00
REACTION DELAY:	4:48

Analyzer: Alcyon 300

Application: **PROTEINS HS** - Code HS 0500 CH
Preparation: R1 - LIQUID READY TO USE SINGLE REAGENT
Storage: ROOM TEMPERATURE OR REFRIGERATE (2-30°C)
Stability: AS INDICATED IN THE LABEL

PROGRAM

TYPE:	END PT.
UNIT:	mg/dl
NUMBER OF DECIMALS:	0
DILUENT:	97 H2O D
FIRST REAGENT VOL.:	300
SECOND REAGENT VOL.:	0
SAMPLE VOLUME:	3.0
LOWER NORMAL VALUE:	28
HIGHER NORMAL VALUE:	141
DILUTION FACTOR:	4
SYSTEMATIC DILUTION:	1
DILUTION FOR URINE:	1
LOW REAGENT BLANK:	0.0000
HIGH REAGENT BLANK:	0.2000
MAXIMUM DEVIATION:	0.0500
PRIMARY WAVELENGTH:	600
HIGH WAVELENGTH:	---
LOW WAVELENGTH:	---
SYSTEMATIC SERUM BLANK:	NO
T TOLERANCE FACTOR:	0.1000
ANTIGEN EXCESS TEST (%):	NO
SLOPE:	1.00
INTERCEPT:	0.00
REACTION DELAY:	4:24

Analyzer: Alcyon 300

Application: **TOTAL PROTEINS** - Codes TP 0500 / 1500 CH
Preparation: R1 - LIQUID READY TO USE SINGLE REAGENT
Storage: ROOM TEMPERATURE OR REFRIGERATE (2-30°C)
Stability: AS INDICATED IN THE LABEL

PROGRAM

TYPE:	END PT.
UNIT:	g/dl
NUMBER OF DECIMALS:	1
DILUENT:	97 H2O D
FIRST REAGENT VOL.:	300
SECOND REAGENT VOL.:	0
SAMPLE VOLUME:	3.0
LOWER NORMAL VALUE:	6.3
HIGHER NORMAL VALUE:	8.4
DILUTION FACTOR:	4
SYSTEMATIC DILUTION:	1
DILUTION FOR URINE:	1
LOW REAGENT BLANK:	0.0000
HIGH REAGENT BLANK:	0.2000
MAXIMUM DEVIATION:	0.0500
PRIMARY WAVELENGTH:	550
HIGH WAVELENGTH:	---
LOW WAVELENGTH:	---
SYSTEMATIC SERUM BLANK:	NO
T TOLERANCE FACTOR:	0.1000
ANTIGEN EXCESS TEST (%):	NO
SLOPE:	1.00
INTERCEPT:	0.00
REACTION DELAY:	4:48

Analyzer: Alcyon 300

Application: **TRIGLYCERIDES FL** - Code TR F400 / 150F CH
Preparation: R1 - LIQUID READY TO USE SINGLE REAGENT
Storage: REFRIGERATE AT 2-8°C
Stability: AS INDICATED IN THE LABEL

PROGRAM

TYPE:	END PT.
UNIT:	mg/dl
NUMBER OF DECIMALS:	0
DILUENT:	97 H2O D
FIRST REAGENT VOL.:	300
SECOND REAGENT VOL.:	0
SAMPLE VOLUME:	3.0
LOWER NORMAL VALUE:	10
HIGHER NORMAL VALUE:	190
DILUTION FACTOR:	4
SYSTEMATIC DILUTION:	1
DILUTION FOR URINE:	1
LOW REAGENT BLANK:	0.0000
HIGH REAGENT BLANK:	0.1000
MAXIMUM DEVIATION:	0.0500
PRIMARY WAVELENGTH:	500
HIGH WAVELENGTH:	---
LOW WAVELENGTH:	---
SYSTEMATIC SERUM BLANK:	NO
T TOLERANCE FACTOR:	0.050
ANTIGEN EXCESS TEST (%):	NO
SLOPE:	1.00
INTERCEPT:	0.00
REACTION DELAY:	4:48

Analyzer: Alcyon 300

Application: **UREA UV FL** - Code AZ F245 / F400 / F600 CH
Preparation: MIX 4 PARTS OF REAGENT A + 1 PART OF REAGENT B
Storage: REFRIGERATE AT 2-8°C
Stability: 30 DAYS AT 2-8°C

PROGRAM

TYPE:	KIN 1
UNIT:	mg/dl
NUMBER OF DECIMALS:	0
DILUENT:	97 H2O D
FIRST REAGENT VOL.:	300
SECOND REAGENT VOL.:	0
SAMPLE VOLUME:	3.0
LOWER NORMAL VALUE:	10
HIGHER NORMAL VALUE:	50
DILUTION FACTOR:	4
SYSTEMATIC DILUTION:	1
DILUTION FOR URINE:	1
LOW REAGENT BLANK:	0.4000
HIGH REAGENT BLANK:	3.0000
MAXIMUM DEVIATION:	0.0500
PRIMARY WAVELENGTH:	340
HIGH WAVELENGTH:	---
LOW WAVELENGTH:	---
DEPLETION LIMIT:	0.4000
TOLERANCE FACTOR:	0.2000
C COMPENSATION FACTOR:	1.0000
SLOPE:	1.00
INTERCEPT:	0.00
REACTION DELAY:	0:36
INCUBATION	1:00
TOTAL	1:36

Analyzer: Alcyon 300

Application: **URIC ACID T FL** - Code AU F402 CH
Preparation: R1 - MIX REAGENT A + REAGENT B AS INDICATED IN INSERT SHEET
Storage: REFRIGERATE AT 2-8°C
Stability: 90 DAYS

PROGRAM

TYPE:	END PT.
UNIT:	mg/dl
NUMBER OF DECIMALS:	1
DILUENT:	97 H2O D
FIRST REAGENT VOL.:	200
SECOND REAGENT VOL.:	0
SAMPLE VOLUME:	5.0
LOWER NORMAL VALUE:	3.5
HIGHER NORMAL VALUE:	7.0
DILUTION FACTOR:	4
SYSTEMATIC DILUTION:	1
DILUTION FOR URINE:	1
LOW REAGENT BLANK:	0.0000
HIGH REAGENT BLANK:	0.1000
MAXIMUM DEVIATION:	0.0500
PRIMARY WAVELENGTH:	550
HIGH WAVELENGTH:	---
LOW WAVELENGTH:	---
SYSTEMATIC SERUM BLANK:	NO
T TOLERANCE FACTOR:	0.050
ANTIGEN EXCESS TEST (%):	NO
SLOPE:	1.00
INTERCEPT:	0.00
REACTION DELAY:	4:48

Analyzer: Alcyon 300

Application: **ZINC** - Code ZN 0125 CH
Preparation: MIX 4 PARTS OF REAGENT A + 1 PART OF REAGENT B
Storage: REFRIGERATE AT 2-8°C
Stability: 2 WEEKS

PROGRAM

TYPE:	END PT.
UNIT:	microg/dl
NUMBER OF DECIMALS:	0
DILUENT:	97 H2O D
FIRST REAGENT VOL.:	200
SECOND REAGENT VOL.:	0
SAMPLE VOLUME:	10.0
LOWER NORMAL VALUE:	70
HIGHER NORMAL VALUE:	115
DILUTION FACTOR:	4
SYSTEMATIC DILUTION:	1
DILUTION FOR URINE:	1
LOW REAGENT BLANK:	0.0000
HIGH REAGENT BLANK:	0.3000
MAXIMUM DEVIATION:	0.0500
PRIMARY WAVELENGTH:	600
HIGH WAVELENGTH:	---
LOW WAVELENGTH:	---
SYSTEMATIC SERUM BLANK:	NO
T TOLERANCE FACTOR:	0.1000
ANTIGEN EXCESS TEST (%):	NO
SLOPE:	1.00
INTERCEPT:	0.00
REACTION DELAY:	4:24