

Clinical chemistry

Shimadzu CL 7200 program

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

via Pellegrini, 3 - 60035 Jesi (An), Italy
Tel. +39 0731 213360 - Fax +39 0731 213361
e-mail: support@chema.com

Analyzer: SHIMADZU CL 7200

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

TEST NAME:	ACPTOT
BAR CODE:	-
MEASURING METHOD:	Rate
CALIB. METHOD:	1 Point
UNIT:	U/I
MEASURING POINTS:	24 - 43
PHOTOMETRIC METHOD:	Double
WAVELENGTHS 1,2,3:	410 - 700
SAMPLE VOL. N,D,I:	30 - 10 - 30
R1 VOL. STIR MODE [DIL]:	300 - Yes - 0
R2 VOL. STIR MODE [DIL]:	0 - Yes - 0
NO. DECIMAL POINTS:	1
SAMPLE TYPE:	Serum
NORMAL RANGE MALE L-H	0.0 - 4.7
FEMALE L-H	
VALID RANGE LL-HH:	0.0 - 75.0
CORRECTION CONST. 1,2:	1 - 0
W1-ABS INC/DEC, LIMIT:	Inc. - 2500
HEMOLYSIS LIMIT:	-
ICTERIC LIMIT:	-
LIPEMIC LIMIT:	-
CALIB. REPLICATES:	4
REPLICATE, SENS.LIMITS:	999 - 2500
PARTNER TEST, CONST.:	0 - 1
PROZONE INC/DEC, LIMIT:	-
K1 FACTOR:	1.0610
(use if failing calibrator)	

Analyzer: SHIMADZU CL 7200

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

TEST NAME:	ACPNP
BAR CODE:	-
MEASURING METHOD:	Rate
CALIB. METHOD:	1 Point
UNIT:	U/I
MEASURING POINTS:	24 - 43
PHOTOMETRIC METHOD:	Double
WAVELENGTHS 1,2,3:	410 - 700
SAMPLE VOL. N,D,I:	30 - 10 - 30
R1 VOL. STIR MODE [DIL]:	300 - Yes - 0
R2 VOL. STIR MODE [DIL]:	0 - Yes - 0
NO. DECIMAL POINTS:	1
SAMPLE TYPE:	Serum
NORMAL RANGE MALE L-H	0.0 - 1.6
FEMALE L-H	
VALID RANGE LL-HH:	0.0 - 75.0
CORRECTION CONST. 1,2:	1 - 0
W1-ABS INC/DEC, LIMIT:	Inc. - 2500
HEMOLYSIS LIMIT:	-
ICTERIC LIMIT:	-
LIPEMIC LIMIT:	-
CALIB. REPLICATES:	4
REPLICATE, SENS.LIMITS:	999 - 2500
PARTNER TEST, CONST.:	0 - 1
PROZONE INC/DEC, LIMIT:	-
K1 FACTOR:	1.0610
(use if failing calibrator)	

Analyzer: SHIMADZU CL 7200

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

TEST NAME:	ALBUM
BAR CODE:	-
MEASURING METHOD:	Endpoint
CALIB. METHOD:	1 Point
UNIT:	g/dl
MEASURING POINTS:	43
PHOTOMETRIC METHOD:	Double
WAVELENGTHS 1,2,3:	600 - 700
SAMPLE VOL. N,D,I:	3 - 2 - 6
R1 VOL. STIR MODE [DIL]:	300 - Yes - 0
R2 VOL. STIR MODE [DIL]:	0 - Yes - 0
NO. DECIMAL POINTS:	1
SAMPLE TYPE:	Serum
NORMAL RANGE MALE L-H	3.8 - 5.1
FEMALE L-H	3.8 - 5.1
VALID RANGE LL-HH:	1.0 - 7.0
CORRECTION CONST. 1,2:	1 - 0
W1-ABS INC/DEC, LIMIT:	Inc. - 2500
HEMOLYSIS LIMIT:	-
ICTERIC LIMIT:	-
LIPEMIC LIMIT:	-
CALIB. REPLICATES:	4
REPLICATE, SENS.LIMITS:	999 - 2500
PARTNER TEST, CONST.:	0 - 1
PROZONE INC/DEC, LIMIT:	-

Analyzer: SHIMADZU CL 7200Application: **ALKALINE PHOSPHATASE FL** - Codes AL F245 / F400 / F600 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

TEST NAME:	ALCALI
BAR CODE:	-
MEASURING METHOD:	Rate
CALIB. METHOD:	1 Point
UNIT:	U/I
MEASURING POINTS:	25 - 35
PHOTOMETRIC METHOD:	Double
WAVELENGTHS 1,2,3:	410 - 700
SAMPLE VOL. N,D,I:	5 - 2 - 10
R1 VOL. STIR MODE [DIL]:	240 - Yes - 0
R2 VOL. STIR MODE [DIL]:	60 - Yes - 0
NO. DECIMAL POINTS:	0
SAMPLE TYPE:	Serum
NORMAL RANGE MALE L-H	64 - 306
FEMALE L-H	80 - 306
VALID RANGE LL-HH:	10 - 2000
CORRECTION CONST. 1,2:	1 - 0
W1-ABS INC/DEC, LIMIT:	Inc. - 2500
HEMOLYSIS LIMIT:	-
ICTERIC LIMIT:	-
LIPEMIC LIMIT:	-
CALIB. REPLICATES:	4
REPLICATE, SENS.LIMITS:	999 - 2500
PARTNER TEST, CONST.:	0 - 1
PROZONE INC/DEC, LIMIT:	-
K1 FACTOR:	4.7100
(use if failing calibrator)	

Analyzer: SHIMADZU CL 7200

Application: **AMYLASE EPS FL** - Codes EA F245 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

TEST NAME: AMILA
 BAR CODE: -
 MEASURING METHOD: Rate
 CALIB. METHOD: 1 Point
 UNIT: U/I
 MEASURING POINTS: 35 - 43
 PHOTOMETRIC METHOD: Double
 WAVELENGTHS 1,2,3: 410 - 700
 SAMPLE VOL. N,D,I: 5 - 2 - 10
 R1 VOL. STIR MODE [DIL]: 240 - Yes - 0
 R2 VOL. STIR MODE [DIL]: 60 - Yes - 0
 NO. DECIMAL POINTS: 0
 SAMPLE TYPE: Serum
 NORMAL RANGE MALE L-H 10 - 220
 FEMALE L-H 10 - 220
 VALID RANGE LL-HH: 5 - 5000
 CORRECTION CONST. 1,2: 1 - 0
 W1-ABS INC/DEC, LIMIT: Inc. - 2500
 HEMOLYSIS LIMIT: -
 ICTERIC LIMIT: -
 LIPEMIC LIMIT: -
 CALIB. REPLICATES: 4
 REPLICATE, SENS.LIMITS: 999 - 2500
 PARTNER TEST, CONST.: 0 - 1
 PROZONE INC/DEC, LIMIT: -
 K1 FACTOR: 19.0900
 (use if failing calibrator)

Analyzer: SHIMADZU CL 7200

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

TEST NAME: AMILA
 BAR CODE: -
 MEASURING METHOD: Rate
 CALIB. METHOD: 1 Point
 UNIT: U/I
 MEASURING POINTS: 15 - 30
 PHOTOMETRIC METHOD: Double
 WAVELENGTHS 1,2,3: 410 - 700
 SAMPLE VOL. N,D,I: 8 - 4 - 16
 R1 VOL. STIR MODE [DIL]: 300 - Yes - 0
 R2 VOL. STIR MODE [DIL]: 0 - Yes - 0
 NO. DECIMAL POINTS: 0
 SAMPLE TYPE: Serum
 NORMAL RANGE MALE L-H 0 - 96*
 FEMALE L-H 0 - 96*
 VALID RANGE LL-HH: 5 - 2000*
 CORRECTION CONST. 1,2: 1 - 0
 W1-ABS INC/DEC, LIMIT: Inc. - 2500
 HEMOLYSIS LIMIT: -
 ICTERIC LIMIT: -
 LIPEMIC LIMIT: -
 CALIB. REPLICATES: 4
 REPLICATE, SENS.LIMITS: 999 - 2500
 PARTNER TEST, CONST.: 0 - 1
 PROZONE INC/DEC, LIMIT: -
 K1 FACTOR: 4.2600
 (use if failing calibrator)

NOTE: CNP-G3 method is not always available among calibrator values. If it fails use PNO-G7 value or EPS, and program the parameters (*) as indicated below:

NORMAL RANGE MALE L-H 10 - 220
 FEMALE L-H 10 - 220
 VALID RANGE LL-HH: 5 - 5000

Analyzer: SHIMADZU CL 7200

Application: **PANCREATIC ISOAMYLASE FL** - Code PA F245 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

TEST NAME:	ISOAMI
BAR CODE:	-
MEASURING METHOD:	Rate
CALIB. METHOD:	1 Point
UNIT:	U/I
MEASURING POINTS:	35 - 43
PHOTOMETRIC METHOD:	Double
WAVELENGTHS 1,2,3:	410 - 700
SAMPLE VOL. N,D,I:	5 - 2 - 10
R1 VOL. STIR MODE [DIL]:	240 - Yes - 0
R2 VOL. STIR MODE [DIL]:	60 - Yes - 0
NO. DECIMAL POINTS:	0
SAMPLE TYPE:	Serum
NORMAL RANGE MALE L-H	10 - 115
FEMALE L-H	10 - 115
VALID RANGE LL-HH:	5 - 5000
CORRECTION CONST. 1,2:	1 - 0
W1-ABS INC/DEC, LIMIT:	Inc. - 2500
HEMOLYSIS LIMIT:	-
ICTERIC LIMIT:	-
LIPEMIC LIMIT:	-
CALIB. REPLICATES:	4
REPLICATE, SENS.LIMITS:	999 - 2500
PARTNER TEST, CONST.:	0 - 1
PROZONE INC/DEC, LIMIT:	-
K1 FACTOR:	19.0900
(use if failing calibrator)	

Analyzer: SHIMADZU CL 7200

Application: **TOTAL BILIRUBIN** - Code BT 0360 CH
 Preparation: R1 - USE LIQUID READY TO USE REAGENT A
 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.

TEST NAME:	BILIT
BAR CODE:	-
MEASURING METHOD:	Endpoint
CALIB. METHOD:	1 Point
UNIT:	mg/dl
MEASURING POINTS:	15 - 43
PHOTOMETRIC METHOD:	Double
WAVELENGTHS 1,2,3:	510 - 700
SAMPLE VOL. N,D,I:	12 - 6 - 24
R1 VOL. STIR MODE [DIL]:	250 - Yes - 0
R2 VOL. STIR MODE [DIL]:	60 - Yes - 0
NO. DECIMAL POINTS:	2
SAMPLE TYPE:	Serum
NORMAL RANGE MALE L-H	0.10 - 1.20
FEMALE L-H	0.10 - 1.20
VALID RANGE LL-HH:	0.10 - 20.00
CORRECTION CONST. 1,2:	1 - 0
W1-ABS INC/DEC, LIMIT:	Inc. - 2500
HEMOLYSIS LIMIT:	-
ICTERIC LIMIT:	-
LIPEMIC LIMIT:	-
CALIB. REPLICATES:	4
REPLICATE, SENS.LIMITS:	999 - 2500
PARTNER TEST, CONST.:	0 - 1
PROZONE INC/DEC, LIMIT:	-

Analyzer: SHIMADZU CL 7200

Application: **DIRECT BILIRUBIN** - Code BD 0480 CH
 Preparation: R1 - USE LIQUID READY TO USE REAGENT A
 R2 - MIX 30 PARTS OF REAGENT A WITH ONE PART OF REAGENT B
 Storage: REFRIGERATE AT 2-8°C
 Stability: R1: AS INDICATED IN THE LABEL - R2: 7 DAYS.

TEST NAME:	BILID
BAR CODE:	-
MEASURING METHOD:	Endpoint
CALIB. METHOD:	1 Point
UNIT:	mg/dl
MEASURING POINTS:	15 - 43
PHOTOMETRIC METHOD:	Double
WAVELENGTHS 1,2,3:	540 - 700
SAMPLE VOL. N,D,I:	12 - 6 - 24
R1 VOL. STIR MODE [DIL]:	250 - Yes - 0
R2 VOL. STIR MODE [DIL]:	60 - Yes - 0
NO. DECIMAL POINTS:	2
SAMPLE TYPE:	Serum
NORMAL RANGE MALE L-H	0.00 - 0.20
FEMALE L-H	0.00 - 0.20
VALID RANGE LL-HH:	0.00 - 20.00
CORRECTION CONST. 1,2:	1 - 0
W1-ABS INC/DEC, LIMIT:	Inc. - 2500
HEMOLYSIS LIMIT:	-
ICTERIC LIMIT:	-
LIPEMIC LIMIT:	-
CALIB. REPLICATES:	4
REPLICATE, SENS.LIMITS:	999 - 2500
PARTNER TEST, CONST.:	0 - 1
PROZONE INC/DEC, LIMIT:	-

Analyzer: SHIMADZU CL 7200

Application: **CALCIUM** - Code CA 0500 TC
 Preparation: R1 - INSTALL LIQUID READY TO USE REAGENT B
 R2 - INSTALL LIQUID READY TO USE REAGENT A
 Storage: REFRIGERATE AT 2-8°C
 Stability: AS INDICATED IN THE LABEL

TEST NAME: CALCIO
 BAR CODE: -
 MEASURING METHOD: Endpoint
 CALIB. METHOD: 1 Point
 UNIT: mg/dl
 MEASURING POINTS: 43
 PHOTOMETRIC METHOD: Double
 WAVELENGTHS 1,2,3: 540 - 700
 SAMPLE VOL. N,D,I: 5 - 2 - 10
 R1 VOL. STIR MODE [DIL]: 150 - Yes - 0
 R2 VOL. STIR MODE [DIL]: 150 - Yes - 0
 NO. DECIMAL POINTS: 2
 SAMPLE TYPE: Serum
 NORMAL RANGE MALE L-H 9.20 - 11.00
 FEMALE L-H 9.20 - 11.00
 VALID RANGE LL-HH: 3.00 - 20.00
 CORRECTION CONST. 1,2: 1 - 0
 W1-ABS INC/DEC, LIMIT: Inc. - 2500
 HEMOLYSIS LIMIT: -
 ICTERIC LIMIT: -
 LIPEMIC LIMIT: -
 CALIB. REPLICATES: 4
 REPLICATE, SENS.LIMITS: 999 - 2500
 PARTNER TEST, CONST.: 0 - 1
 PROZONE INC/DEC, LIMIT: -

Analyzer: SHIMADZU CL 7200

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

TEST NAME:	CALCIO
BAR CODE:	-
MEASURING METHOD:	Endpoint
CALIB. METHOD:	1 Point
UNIT:	mg/dl
MEASURING POINTS:	43
PHOTOMETRIC METHOD:	Double
WAVELENGTHS 1,2,3:	660 - 700
SAMPLE VOL. N,D,I:	3 - 2 - 6
R1 VOL. STIR MODE [DIL]:	300 - Yes - 0
R2 VOL. STIR MODE [DIL]:	0 - Yes - 0
NO. DECIMAL POINTS:	2
SAMPLE TYPE:	Serum
NORMAL RANGE MALE L-H	9.20 - 11.00
FEMALE L-H	9.20 - 11.00
VALID RANGE LL-HH:	3.00 - 20.00
CORRECTION CONST. 1,2:	1 - 0
W1-ABS INC/DEC, LIMIT:	Inc. - 2500
HEMOLYSIS LIMIT:	-
ICTERIC LIMIT:	-
LIPEMIC LIMIT:	-
CALIB. REPLICATES:	4
REPLICATE, SENS.LIMITS:	999 - 2500
PARTNER TEST, CONST.:	0 - 1
PROZONE INC/DEC, LIMIT:	-

Analyzer: SHIMADZU CL 7200

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

TEST NAME:	COLEST
BAR CODE:	-
MEASURING METHOD:	Endpoint
CALIB. METHOD:	1 Point
UNIT:	mg/dl
MEASURING POINTS:	43
PHOTOMETRIC METHOD:	Double
WAVELENGTHS 1,2,3:	510 - 700
SAMPLE VOL. N,D,I:	3 - 2 - 6
R1 VOL. STIR MODE [DIL]:	300 - Yes - 0
R2 VOL. STIR MODE [DIL]:	0 - Yes - 0
NO. DECIMAL POINTS:	0
SAMPLE TYPE:	Serum
NORMAL RANGE MALE L-H	140 - 200
FEMALE L-H	140 - 200
VALID RANGE LL-HH:	10 - 1000
CORRECTION CONST. 1,2:	1 - 0
W1-ABS INC/DEC, LIMIT:	Inc. - 2500
HEMOLYSIS LIMIT:	-
ICTERIC LIMIT:	-
LIPEMIC LIMIT:	-
CALIB. REPLICATES:	4
REPLICATE, SENS.LIMITS:	999 - 2500
PARTNER TEST, CONST.:	0 - 1
PROZONE INC/DEC, LIMIT:	-

Analyzer: SHIMADZU CL 7200

Application: **HDL DIRECT FL** - Code HD F080 / F245 CH
 Preparation: R1 - USE LIQUID RFADY TO USE REAGENT A
 R2 - USE LIQUID RFADY TO USE REAGENT B
 Storage: REFRIGERATE AT 2-8°C
 Stability: AS INDICATED IN THE LABEL

PROGRAM

TEST NAME:	HDL
BAR CODE:	-
MEASURING METHOD:	Endpoint
CALIB. METHOD:	1 Point
UNIT:	mg/dl
MEASURING POINTS:	15 - 43
PHOTOMETRIC METHOD:	Double
WAVELENGTHS 1,2,3:	600 - 700
SAMPLE VOL. N,D,I:	3 - 2 - 8
R1 VOL. STIR MODE [DIL]:	240 - Yes - 0
R2 VOL. STIR MODE [DIL]:	60 - Yes - 0
NO. DECIMAL POINTS:	2
SAMPLE TYPE:	Serum
NORMAL RANGE MALE L-H	35 - 55
FEMALE L-H	45 - 65
VALID RANGE LL-HH:	5 - 250
CORRECTION CONST. 1,2:	1 - 0
W1-ABS INC/DEC, LIMIT:	Inc. - 2500
HEMOLYSIS LIMIT:	-
ICTERIC LIMIT:	-
LIPEMIC LIMIT:	-
CALIB. REPLICATES:	4
REPLICATE, SENS.LIMITS:	999 - 2500
PARTNER TEST, CONST.:	0 - 1
PROZONE INC/DEC, LIMIT:	-

Analyzer: SHIMADZU CL 7200Application: **CHOLINESTERASE FL (DGKC)** - Codes CH F245 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

TEST NAME:	COLIN
BAR CODE:	-
MEASURING METHOD:	Rate
CALIB. METHOD:	1 Point
UNIT:	U/I
MEASURING POINTS:	25 - 30
PHOTOMETRIC METHOD:	Double
WAVELENGTHS 1,2,3:	410 - 700
SAMPLE VOL. N,D,I:	5 - 2 - 10
R1 VOL. STIR MODE [DIL]:	250 - Yes - 0
R2 VOL. STIR MODE [DIL]:	50 - Yes - 0
NO. DECIMAL POINTS:	0
SAMPLE TYPE:	Serum
NORMAL RANGE MALE L-H	5600 - 11200
FEMALE L-H	4200 - 10800
VALID RANGE LL-HH:	100 - 25000
CORRECTION CONST. 1,2:	1 - 0
W1-ABS INC/DEC, LIMIT:	Dec. - 200
HEMOLYSIS LIMIT:	-
ICTERIC LIMIT:	-
LIPEMIC LIMIT:	-
CALIB. REPLICATES:	4
REPLICATE, SENS.LIMITS:	999 - 2500
PARTNER TEST, CONST.:	0 - 1
PROZONE INC/DEC, LIMIT:	-
K1 FACTOR:	-187.0000
(use if failing calibrator)	

Analyzer: SHIMADZU CL 7200

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

TEST NAME: CKNAC
 BAR CODE: -
 MEASURING METHOD: Rate
 CALIB. METHOD: 1 Point
 UNIT: U/I
 MEASURING POINTS: 35 - 43
 PHOTOMETRIC METHOD: Double
 WAVELENGTHS 1,2,3: 340 - 600
 SAMPLE VOL. N,D,I: 8 - 4 - 16
 R1 VOL. STIR MODE [DIL]: 240 - Yes - 0
 R2 VOL. STIR MODE [DIL]: 60 - Yes - 0
 NO. DECIMAL POINTS: 0
 SAMPLE TYPE: Serum
 NORMAL RANGE MALE L-H 0 - 190
 FEMALE L-H 0 - 165
 VALID RANGE LL-HH: 5 - 1600
 CORRECTION CONST. 1,2: 1 - 0
 W1-ABS INC/DEC, LIMIT: Inc. - 2500
 HEMOLYSIS LIMIT: -
 ICTERIC LIMIT: -
 LIPEMIC LIMIT: -
 CALIB. REPLICATES: 4
 REPLICATE, SENS.LIMITS: 999 - 2500
 PARTNER TEST, CONST.: 0 - 1
 PROZONE INC/DEC, LIMIT: -
 K1 FACTOR: 6.9950
 (use if failing calibrator)

Analyzer: SHIMADZU CL 7200

Application: **CK-MB FL** - Code MB F120 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

TEST NAME: CKMB
 BAR CODE: -
 MEASURING METHOD: Rate
 CALIB. METHOD: 1 Point
 UNIT: U/I
 MEASURING POINTS: 35 - 43
 PHOTOMETRIC METHOD: Double
 WAVELENGTHS 1,2,3: 340 - 600
 SAMPLE VOL. N,D,I: 8 - 4 - 16
 R1 VOL. STIR MODE [DIL]: 240 - Yes - 0
 R2 VOL. STIR MODE [DIL]: 60 - Yes - 0
 NO. DECIMAL POINTS: 0
 SAMPLE TYPE: Serum
 NORMAL RANGE MALE L-H 0 - 24
 FEMALE L-H 0 - 24
 VALID RANGE LL-HH: 0 - 1600
 CORRECTION CONST. 1,2: 1 - 0
 W1-ABS INC/DEC, LIMIT: Inc. - 2500
 HEMOLYSIS LIMIT: -
 ICTERIC LIMIT: -
 LIPEMIC LIMIT: -
 CALIB. REPLICATES: 4
 REPLICATE, SENS.LIMITS: 999 - 2500
 PARTNER TEST, CONST.: 0 - 1
 PROZONE INC/DEC, LIMIT: -
 K1 FACTOR: 14.0000
 (use if failing calibrator)

Analyzer: SHIMADZU CL 7200

Application: **CREATININE** - Code CR 0500 CH
 Preparation: R1 - INSTALL LIQUID READY TO USE REAGENT B
 R2 - INSTALL LIQUID READY TO USE REAGENT A
 Storage: ROOM TEMPERATURE OR REFRIGERATE (2-30°C)
 Stability: AS INDICATED IN THE LABEL

TEST NAME:	CREAT
BAR CODE:	-
MEASURING METHOD:	Endpoint
CALIB. METHOD:	1 Point
UNIT:	mg/dl
MEASURING POINTS:	21 - 27
PHOTOMETRIC METHOD:	Double
WAVELENGTHS 1,2,3:	510 - 700
SAMPLE VOL. N,D,I:	12 - 6 - 24
R1 VOL. STIR MODE [DIL]:	150 - Yes - 0
R2 VOL. STIR MODE [DIL]:	150 - Yes - 0
NO. DECIMAL POINTS:	2
SAMPLE TYPE:	Serum
NORMAL RANGE MALE L-H	0.60 - 1.40
FEMALE L-H	0.60 - 1.40
VALID RANGE LL-HH:	0.30 - 12.00
CORRECTION CONST. 1,2:	1 - 0
W1-ABS INC/DEC, LIMIT:	Inc. - 2500
HEMOLYSIS LIMIT:	-
ICTERIC LIMIT:	-
LIPEMIC LIMIT:	-
CALIB. REPLICATES:	4
REPLICATE, SENS.LIMITS:	999 - 2500
PARTNER TEST, CONST.:	0 - 1
PROZONE INC/DEC, LIMIT:	-

Analyzer: SHIMADZU CL 7200

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

TEST NAME:	CREAT
BAR CODE:	-
MEASURING METHOD:	Endpoint
CALIB. METHOD:	1 Point
UNIT:	mg/dl
MEASURING POINTS:	28 - 35
PHOTOMETRIC METHOD:	Double
WAVELENGTHS 1,2,3:	510 - 700
SAMPLE VOL. N,D,I:	12 - 6 - 24
R1 VOL. STIR MODE [DIL]:	240 - Yes - 0
R2 VOL. STIR MODE [DIL]:	60 - Yes - 0
NO. DECIMAL POINTS:	2
SAMPLE TYPE:	Serum
NORMAL RANGE MALE L-H	0.50 - 1.20
FEMALE L-H	0.40 - 1.20
VALID RANGE LL-HH:	0.20 - 20.00
CORRECTION CONST. 1,2:	1 - 0
W1-ABS INC/DEC, LIMIT:	Inc. - 2500
HEMOLYSIS LIMIT:	-
ICTERIC LIMIT:	-
LIPEMIC LIMIT:	-
CALIB. REPLICATES:	4
REPLICATE, SENS.LIMITS:	999 - 2500
PARTNER TEST, CONST.:	0 - 1
PROZONE INC/DEC, LIMIT:	-

Analyzer: SHIMADZU CL 7200Application: **FRUCTOSAMINE** - Code FR0048 CH

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

Storage: REFRIGERATE AT 2-8°C

TEST NAME:	FRUT
BAR CODE:	-
MEASURING METHOD:	Endpoint
CALIB. METHOD:	1 Point
UNIT:	µmol/l
MEASURING POINTS:	30 - 43
PHOTOMETRIC METHOD:	Double
WAVELENGTHS 1,2,3:	540 - NO
SAMPLE VOL. N,D,I:	10 - 5 - 20
R1 VOL. STIR MODE [DIL]:	250 - Yes - 10
R2 VOL. STIR MODE [DIL]:	NO
NO. DECIMAL POINTS:	0
SAMPLE TYPE:	Serum
NORMAL RANGE MALE L-H	0 - 285
FEMALE L-H	0 - 285
VALID RANGE LL-HH:	0 - 800
CORRECTION CONST. 1,2:	1 - 0
W1-ABS INC/DEC, LIMIT:	Inc. - 2000
HEMOLYSIS LIMIT:	-
ICTERIC LIMIT:	-
LIPEMIC LIMIT:	-
CALIB. REPLICATES:	4
REPLICATE, SENS.LIMITS:	20 - 0
PARTNER TEST, CONST.:	0 - 1
PROZONE INC/DEC, LIMIT:	-

Analyzer: SHIMADZU CL 7200

Application: **GAMMA-GT FL** - Codes GT F245 / F400 / F600 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

TEST NAME: GAMMAG
 BAR CODE: -
 MEASURING METHOD: Rate
 CALIB. METHOD: 1 Point
 UNIT: U/I
 MEASURING POINTS: 25 - 35
 PHOTOMETRIC METHOD: Double
 WAVELENGTHS 1,2,3: 410 - 700
 SAMPLE VOL. N,D,I: 20 - 10 - 30
 R1 VOL. STIR MODE [DIL]: 240 - Yes - 0
 R2 VOL. STIR MODE [DIL]: 60 - Yes - 0
 NO. DECIMAL POINTS: 0
 SAMPLE TYPE: Serum
 NORMAL RANGE MALE L-H 10 - 47
 FEMALE L-H 7 - 30
 VALID RANGE LL-HH: 2 - 1800
 CORRECTION CONST. 1,2: 1 - 0
 W1-ABS INC/DEC, LIMIT: Inc. - 2500
 HEMOLYSIS LIMIT: -
 ICTERIC LIMIT: -
 LIPEMIC LIMIT: -
 CALIB. REPLICATES: 4
 REPLICATE, SENS.LIMITS: 999 - 2500
 PARTNER TEST, CONST.: 0 - 1
 PROZONE INC/DEC, LIMIT: -
 K1 FACTOR: 2.4060
 (use if failing calibrator)

Analyzer: SHIMADZU CL 7200

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

TEST NAME: GLUCOS
 BAR CODE: -
 MEASURING METHOD: Endpoint
 CALIB. METHOD: 1 Point
 UNIT: mg/dl
 MEASURING POINTS: 43
 PHOTOMETRIC METHOD: Double
 WAVELENGTHS 1,2,3: 510 - 700
 SAMPLE VOL. N,D,I: 3 - 2 - 6
 R1 VOL. STIR MODE [DIL]: 300 - Yes - 0
 R2 VOL. STIR MODE [DIL]: 0 - Yes - 0
 NO. DECIMAL POINTS: 0
 SAMPLE TYPE: Serum
 NORMAL RANGE MALE L-H 60 - 110
 FEMALE L-H 60 - 110
 VALID RANGE LL-HH: 10 - 500
 CORRECTION CONST. 1,2: 1 - 0
 W1-ABS INC/DEC, LIMIT: Inc. - 2500
 HEMOLYSIS LIMIT: -
 ICTERIC LIMIT: -
 LIPEMIC LIMIT: -
 CALIB. REPLICATES: 4
 REPLICATE, SENS.LIMITS: 999 - 2500
 PARTNER TEST, CONST.: 0 - 1
 PROZONE INC/DEC, LIMIT: -

Analyzer: SHIMADZU CL 7200

Application: **GLUCOSE UV FL** - Code GL F601 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

TEST NAME:	GLUC
BAR CODE:	-
MEASURING METHOD:	Endpoint
CALIB. METHOD:	1 Point
UNIT:	mg/dl
MEASURING POINTS:	43
PHOTOMETRIC METHOD:	Double
WAVELENGTHS 1,2,3:	340 - 660
SAMPLE VOL. N,D,I:	3 - 2 - 6
R1 VOL. STIR MODE [DIL]:	240 - Yes - 0
R2 VOL. STIR MODE [DIL]:	60 - Yes - 0
NO. DECIMAL POINTS:	0
SAMPLE TYPE:	Serum
NORMAL RANGE MALE L-H	60 - 110
FEMALE L-H	60 - 110
VALID RANGE LL-HH:	10 - 1000
CORRECTION CONST. 1,2:	1 - 0
W1-ABS INC/DEC, LIMIT:	Inc. - 2500
HEMOLYSIS LIMIT:	-
ICTERIC LIMIT:	-
LIPEMIC LIMIT:	-
CALIB. REPLICATES:	4
REPLICATE, SENS.LIMITS:	999 - 2500
PARTNER TEST, CONST.:	0 - 1
PROZONE INC/DEC, LIMIT:	-

Analyzer: SHIMADZU CL 7200

Application: **GOT/AST FL** - Codes GO F245 / F400 / F600 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

TEST NAME: GOTAST
 BAR CODE: -
 MEASURING METHOD: Rate
 CALIB. METHOD: 1 Point
 UNIT: U/I
 MEASURING POINTS: 25 - 35
 PHOTOMETRIC METHOD: Double
 WAVELENGTHS 1,2,3: 340 - 660
 SAMPLE VOL. N,D,I: 20 - 10 - 30
 R1 VOL. STIR MODE [DIL]: 240 - Yes - 0
 R2 VOL. STIR MODE [DIL]: 60 - Yes - 0
 NO. DECIMAL POINTS: 0
 SAMPLE TYPE: Serum
 NORMAL RANGE MALE L-H 0 - 40
 FEMALE L-H 0 - 31
 VALID RANGE LL-HH: 2 - 700
 CORRECTION CONST. 1,2: 1 - 0
 W1-ABS INC/DEC, LIMIT: Dec. - 300
 HEMOLYSIS LIMIT: -
 ICTERIC LIMIT: -
 LIPEMIC LIMIT: -
 CALIB. REPLICATES: 4
 REPLICATE, SENS.LIMITS: 999 - 2500
 PARTNER TEST, CONST.: 0 - 1
 PROZONE INC/DEC, LIMIT: -
 K1 FACTOR: -3.4000
 (use if failing calibrator)

Analyzer: SHIMADZU CL 7200

Application: **GPT/ALT FL** - Codes GP F245 / F400 / F600 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

TEST NAME:	GPTALT
BAR CODE:	-
MEASURING METHOD:	Rate
CALIB. METHOD:	1 Point
UNIT:	U/I
MEASURING POINTS:	25 - 35
PHOTOMETRIC METHOD:	Double
WAVELENGTHS 1,2,3:	340 - 660
SAMPLE VOL. N,D,I:	20 - 10 - 30
R1 VOL. STIR MODE [DIL]:	240 - Yes - 0
R2 VOL. STIR MODE [DIL]:	60 - Yes - 0
NO. DECIMAL POINTS:	0
SAMPLE TYPE:	Serum
NORMAL RANGE MALE L-H	0 - 40
FEMALE L-H	0 - 31
VALID RANGE LL-HH:	2 - 700
CORRECTION CONST. 1,2:	1 - 0
W1-ABS INC/DEC, LIMIT:	Dec. - 300
HEMOLYSIS LIMIT:	-
ICTERIC LIMIT:	-
LIPEMIC LIMIT:	-
CALIB. REPLICATES:	4
REPLICATE, SENS.LIMITS:	999 - 2500
PARTNER TEST, CONST.:	0 - 1
PROZONE INC/DEC, LIMIT:	-
K1 FACTOR:	-3.4000
(use if failing calibrator)	

Analyzer: SHIMADZU CL 7200

Application: **IRON FZ** - Code FE F245 CH
 Preparation: R1 - USE LIQUID RFADY TO USE REAGENT A
 R2 - USE LIQUID RFADY TO USE REAGENT B
 Storage: REFRIGERATE AT 2-8°C
 Stability: AS INDICATED IN THE LABEL

PROGRAM

TEST NAME:	IRON
BAR CODE:	-
MEASURING METHOD:	Endpoint
CALIB. METHOD:	1 Point
UNIT:	microg/dl
MEASURING POINTS:	15 - 43
PHOTOMETRIC METHOD:	Double
WAVELENGTHS 1,2,3:	540 - 700
SAMPLE VOL. N,D,I:	30 - 10 - 40
R1 VOL. STIR MODE [DIL]:	240 - Yes - 0
R2 VOL. STIR MODE [DIL]:	60 - Yes - 0
NO. DECIMAL POINTS:	0
SAMPLE TYPE:	Serum
NORMAL RANGE MALE L-H	59 - 158
FEMALE L-H	37 - 145
VALID RANGE LL-HH:	5 - 1000
CORRECTION CONST. 1,2:	1 - 0
W1-ABS INC/DEC, LIMIT:	Inc. - 2500
HEMOLYSIS LIMIT:	-
ICTERIC LIMIT:	-
LIPEMIC LIMIT:	-
CALIB. REPLICATES:	4
REPLICATE, SENS.LIMITS:	999 - 2500
PARTNER TEST, CONST.:	0 - 1
PROZONE INC/DEC, LIMIT:	-

Analyzer: SHIMADZU CL 7200

Application: **LDH FL** - Codes LD F120 / F245 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

TEST NAME:	LDH
BAR CODE:	-
MEASURING METHOD:	Rate
CALIB. METHOD:	1 Point
UNIT:	U/I
MEASURING POINTS:	25 - 35
PHOTOMETRIC METHOD:	Double
WAVELENGTHS 1,2,3:	340 - 660
SAMPLE VOL. N,D,I:	3 - 2 - 3
R1 VOL. STIR MODE [DIL]:	240 - Yes - 0
R2 VOL. STIR MODE [DIL]:	60 - Yes - 0
NO. DECIMAL POINTS:	0
SAMPLE TYPE:	Serum
NORMAL RANGE MALE L-H	225 - 450
FEMALE L-H	225 - 450
VALID RANGE LL-HH:	10 - 5000
CORRECTION CONST. 1,2:	1 - 0
W1-ABS INC/DEC, LIMIT:	Dec. - 300
HEMOLYSIS LIMIT:	-
ICTERIC LIMIT:	-
LIPEMIC LIMIT:	-
CALIB. REPLICATES:	4
REPLICATE, SENS.LIMITS:	999 - 2500
PARTNER TEST, CONST.:	0 - 1
PROZONE INC/DEC, LIMIT:	-
K1 FACTOR:	-22.9000
(use if failing calibrator)	

Analyzer: SHIMADZU CL 7200

Application: **LIPASE FL** - Code LP F245 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

TEST NAME:	LIPASI
BAR CODE:	-
MEASURING METHOD:	Rate
CALIB. METHOD:	1 Point
UNIT:	U/L
MEASURING POINTS:	22 - 32
PHOTOMETRIC METHOD:	Double
WAVELENGTHS 1,2,3:	570 - 750
SAMPLE VOL. N,D,I:	3 - 2 - 6
R1 VOL. STIR MODE [DIL]:	300 - Yes - 0
R2 VOL. STIR MODE [DIL]:	60 - Yes - 0
NO. DECIMAL POINTS:	1
SAMPLE TYPE:	Serum
NORMAL RANGE MALE L-H	0 - 30
FEMALE L-H	0 - 30
VALID RANGE LL-HH:	
CORRECTION CONST. 1,2:	1 - 0
W1-ABS INC/DEC, LIMIT:	INC. - 2000
HEMOLYSIS LIMIT:	-
ICTERIC LIMIT:	-
LIPEMIC LIMIT:	-
CALIB. REPLICATES:	4
REPLICATE, SENS.LIMITS:	20 - 0
PARTNER TEST, CONST.:	0 - 1
PROZONE INC/DEC, LIMIT:	-

Analyzer: SHIMADZU CL 7200

Application: **MAGNESIUM** - Code MG 0200 / 0500 CH
 Preparation: R1 - INSTALL LIQUID READY TO USE REAGENT B
 R2 - INSTALL LIQUID READY TO USE REAGENT A
 Storage: ROOM TEMPERATURE OR REFRIGERATE (2-30°C)
 Stability: AS INDICATED IN THE LABEL

TEST NAME:	MAGNES
BAR CODE:	-
MEASURING METHOD:	Endpoint
CALIB. METHOD:	1 Point
UNIT:	mEq/l
MEASURING POINTS:	43
PHOTOMETRIC METHOD:	Double
WAVELENGTHS 1,2,3:	510 - 700
SAMPLE VOL. N,D,I:	3 - 2 -6
R1 VOL. STIR MODE [DIL]:	150 - Yes - 0
R2 VOL. STIR MODE [DIL]:	150 - Yes - 0
NO. DECIMAL POINTS:	1
SAMPLE TYPE:	Serum
NORMAL RANGE MALE L-H	1.3 - 2.1
FEMALE L-H	1.3 - 2.1
VALID RANGE LL-HH:	0.1 - 10.0
CORRECTION CONST. 1,2:	1 - 0
W1-ABS INC/DEC, LIMIT:	Inc. - 2500
HEMOLYSIS LIMIT:	-
ICTERIC LIMIT:	-
LIPEMIC LIMIT:	-
CALIB. REPLICATES:	4
REPLICATE, SENS.LIMITS:	999 - 2500
PARTNER TEST, CONST.:	0 - 1
PROZONE INC/DEC, LIMIT:	-

Analyzer: SHIMADZU CL 7200

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

TEST NAME:	FOSFOR
BAR CODE:	-
MEASURING METHOD:	Endpoint
CALIB. METHOD:	1 Point
UNIT:	mg/dl
MEASURING POINTS:	43
PHOTOMETRIC METHOD:	Double
WAVELENGTHS 1,2,3:	340 - 660
SAMPLE VOL. N,D,I:	3 - 2 - 6
R1 VOL. STIR MODE [DIL]:	300 - Yes - 0
R2 VOL. STIR MODE [DIL]:	0 - Yes - 0
NO. DECIMAL POINTS:	1
SAMPLE TYPE:	Serum
NORMAL RANGE MALE L-H	4.0 - 6.5
FEMALE L-H	4.0 - 6.5
VALID RANGE LL-HH:	1.0 - 10.0
CORRECTION CONST. 1,2:	1 - 0
W1-ABS INC/DEC, LIMIT:	Inc. - 2500
HEMOLYSIS LIMIT:	-
ICTERIC LIMIT:	-
LIPEMIC LIMIT:	-
CALIB. REPLICATES:	4
REPLICATE, SENS.LIMITS:	999 - 2500
PARTNER TEST, CONST.:	0 - 1
PROZONE INC/DEC, LIMIT:	-

Analyzer: SHIMADZU CL 7200

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

TEST NAME: PIROGA
 BAR CODE: -
 MEASURING METHOD: Endpoint
 CALIB. METHOD: 1 Point
 UNIT: mg/dl
 MEASURING POINTS: 43
 PHOTOMETRIC METHOD: Double
 WAVELENGTHS 1,2,3: 600 - 700
 SAMPLE VOL. N,D,I: 3 - 2 - 6
 R1 VOL. STIR MODE [DIL]: 300 - Yes - 0
 R2 VOL. STIR MODE [DIL]: 0 - Yes - 0
 NO. DECIMAL POINTS: 0
 SAMPLE TYPE: Serum
 NORMAL RANGE MALE L-H 28 - 141
 FEMALE L-H 28 - 141
 VALID RANGE LL-HH: 10 - 500
 CORRECTION CONST. 1,2: 1 - 0
 W1-ABS INC/DEC, LIMIT: Inc. - 2500
 HEMOLYSIS LIMIT: -
 ICTERIC LIMIT: -
 LIPEMIC LIMIT: -
 CALIB. REPLICATES: 4
 REPLICATE, SENS.LIMITS: 999 - 2500
 PARTNER TEST, CONST.: 0 - 1
 PROZONE INC/DEC, LIMIT: -

Analyzer: SHIMADZU CL 7200

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

TEST NAME:	PROTEI
BAR CODE:	-
MEASURING METHOD:	Endpoint
CALIB. METHOD:	1 Point
UNIT:	g/dl
MEASURING POINTS:	43
PHOTOMETRIC METHOD:	Double
WAVELENGTHS 1,2,3:	540 - 700
SAMPLE VOL. N,D,I:	3 - 2 - 6
R1 VOL. STIR MODE [DIL]:	300 - Yes - 0
R2 VOL. STIR MODE [DIL]:	0 - Yes - 0
NO. DECIMAL POINTS:	1
SAMPLE TYPE:	Serum
NORMAL RANGE MALE L-H	6.3 - 8.4
FEMALE L-H	6.3 - 8.4
VALID RANGE LL-HH:	1.0 - 12.0
CORRECTION CONST. 1,2:	1 - 0
W1-ABS INC/DEC, LIMIT:	Inc. - 2500
HEMOLYSIS LIMIT:	-
ICTERIC LIMIT:	-
LIPEMIC LIMIT:	-
CALIB. REPLICATES:	4
REPLICATE, SENS.LIMITS:	999 - 2500
PARTNER TEST, CONST.:	0 - 1
PROZONE INC/DEC, LIMIT:	-

Analyzer: SHIMADZU CL 7200Application: **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

TEST NAME:	TRIGLI
BAR CODE:	-
MEASURING METHOD:	Endpoint
CALIB. METHOD:	1 Point
UNIT:	mg/dl
MEASURING POINTS:	43
PHOTOMETRIC METHOD:	Double
WAVELENGTHS 1,2,3:	510 - 700
SAMPLE VOL. N,D,I:	3 - 2 - 6
R1 VOL. STIR MODE [DIL]:	300 - Yes - 0
R2 VOL. STIR MODE [DIL]:	0 - Yes - 0
NO. DECIMAL POINTS:	0
SAMPLE TYPE:	Serum
NORMAL RANGE MALE L-H	10 - 190
FEMALE L-H	10 - 190
VALID RANGE LL-HH:	10 - 1000
CORRECTION CONST. 1,2:	1 - 0
W1-ABS INC/DEC, LIMIT:	Inc. - 2500
HEMOLYSIS LIMIT:	-
ICTERIC LIMIT:	-
LIPEMIC LIMIT:	-
CALIB. REPLICATES:	4
REPLICATE, SENS.LIMITS:	999 - 2500
PARTNER TEST, CONST.:	0 - 1
PROZONE INC/DEC, LIMIT:	-

Analyzer: SHIMADZU CL 7200

Application: **UREA UV FL** - Codes AZ F245 / F400 / F600 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

TEST NAME: UREAUV
 BAR CODE: -
 MEASURING METHOD: Endpoint
 CALIB. METHOD: 1 Point
 UNIT: U/I
 MEASURING POINTS: 21 - 25
 PHOTOMETRIC METHOD: Double
 WAVELENGTHS 1,2,3: 340 - 660
 SAMPLE VOL. N,D,I: 3 - 2 -6
 R1 VOL. STIR MODE [DIL]: 240 - Yes - 0
 R2 VOL. STIR MODE [DIL]: 60 - Yes - 0
 NO. DECIMAL POINTS: 0
 SAMPLE TYPE: Serum
 NORMAL RANGE MALE L-H 10 - 50
 FEMALE L-H 10 - 50
 VALID RANGE LL-HH: 1 - 300
 CORRECTION CONST. 1,2: 1 - 0
 W1-ABS INC/DEC, LIMIT: Dec. - 300
 HEMOLYSIS LIMIT: -
 ICTERIC LIMIT: -
 LIPEMIC LIMIT: -
 CALIB. REPLICATES: 4
 REPLICATE, SENS.LIMITS: 999 - 2500
 PARTNER TEST, CONST.: 0 - 1
 PROZONE INC/DEC, LIMIT: -

Analyzer: SHIMADZU CL 7200

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

TEST NAME:	URIC
BAR CODE:	-
MEASURING METHOD:	Endpoint
CALIB. METHOD:	1 Point
UNIT:	mg/dl
MEASURING POINTS:	43
PHOTOMETRIC METHOD:	Double
WAVELENGTHS 1,2,3:	540 - 700
SAMPLE VOL. N,D,I:	10 - 5 - 20
R1 VOL. STIR MODE [DIL]:	300 - Yes - 0
R2 VOL. STIR MODE [DIL]:	0 - Yes - 0
NO. DECIMAL POINTS:	1
SAMPLE TYPE:	Serum
NORMAL RANGE MALE L-H	3.5 - 7.0
FEMALE L-H	2.4 - 5.7
VALID RANGE LL-HH:	1.0 - 25.0
CORRECTION CONST. 1,2:	1 - 0
W1-ABS INC/DEC, LIMIT:	Inc. - 2500
HEMOLYSIS LIMIT:	-
ICTERIC LIMIT:	-
LIPEMIC LIMIT:	-
CALIB. REPLICATES:	4
REPLICATE, SENS.LIMITS:	999 - 2500
PARTNER TEST, CONST.:	0 - 1
PROZONE INC/DEC, LIMIT:	-