

Clinical chemistry

Hitachi 705 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.

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Analyzer: Hitachi 705Application: **ACID PHOSPHATASE (TOTAL)** - Code AC 0120 TC

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

Storage: REFRIGERATE AT 2-8°C

PROGRAM

TEST:	ACPT
ASSAY CODE:	2 - 17 - 28
SAMPLE VOL:	20
R1 VOLUME:	350
R2 VOLUME:	0
WAVELENGTH 1:	700
WAVELENGTH 2:	415
REAGENT BLANK ABS:	INSTRUMENT DEFINED
REAGENT BLANK CONC:	0
STD ABS ALLOW.:	10%
STANDARD CONC.:	USER DEFINED
FACTOR:	-1
NORMAL RANGE LOW:	0.0
NORMAL RANGE HIGH:	5.1
ABS LIMIT (rate):	10000
CONTROL ID N:	USER DEFINED

Analyzer: Hitachi 705

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

PROGRAM

TEST:	ACPT
ASSAY CODE:	2 - 17 - 28
SAMPLE VOL:	20
R1 VOLUME:	350
R2 VOLUME:	0
WAVELENGTH 1:	700
WAVELENGTH 2:	415
REAGENT BLANK ABS:	INSTRUMENT DEFINED
REAGENT BLANK CONC:	0
STD ABS ALLOW.:	10%
STANDARD CONC.:	USER DEFINED
FACTOR:	-1
NORMAL RANGE LOW:	0.0
NORMAL RANGE HIGH:	4.1
ABS LIMIT (rate):	10000
CONTROL ID N:	USER DEFINED

Analyzer: Hitachi 705

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

PROGRAM

TEST:	ALB
ASSAY CODE:	1 (ENDPOINT)
SAMPLE VOL:	5
R1 VOLUME:	500
R2 VOLUME:	0
WAVELENGTH 1:	700
WAVELENGTH 2:	600
REAGENT BLANK ABS:	INSTRUMENT DEFINED
REAGENT BLANK CONC:	0
STD ABS ALLOW.:	10%
STANDARD CONC.:	USER DEFINED
FACTOR:	-1
NORMAL RANGE LOW:	3.8
NORMAL RANGE HIGH:	5.1
ABS LIMIT (rate):	0
CONTROL ID N:	USER DEFINED

Analyzer: Hitachi 705Application: **ALKALINE PHOSPHATASE FL** - Codes AL 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

PROGRAM

TEST:	ALP
ASSAY CODE:	2 - 19 - 25
SAMPLE VOL:	6
R1 VOLUME:	400
R2 VOLUME:	100
WAVELENGTH 1:	700
WAVELENGTH 2:	415
REAGENT BLANK ABS:	INSTRUMENT DEFINED
REAGENT BLANK CONC:	0
STD ABS ALLOW.:	10%
STANDARD CONC.:	USER DEFINED
FACTOR:	-1
NORMAL RANGE LOW:	64
NORMAL RANGE HIGH:	306
ABS LIMIT (rate):	10000
CONTROL ID N:	USER DEFINED

Analyzer: Hitachi 705

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

PROGRAM

TEST: AMY
ASSAY CODE: 2 - 7 - 15
SAMPLE VOL: 10
R1 VOLUME: 400
R2 VOLUME: 0
WAVELENGTH 1: 700
WAVELENGTH 2: 415
REAGENT BLANK ABS: INSTRUMENT DEFINED
REAGENT BLANK CONC: 0
STD ABS ALLOW.: 10%
STANDARD CONC.: USER DEFINED
FACTOR: -1
NORMAL RANGE LOW: 0
NORMAL RANGE HIGH: 96 (*)
ABS LIMIT (rate): 10000
CONTROL ID N: USER DEFINED

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

EXPECTED VALUE: 10 - 220

Analyzer: Hitachi 705

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

PROGRAM

TEST:	AMY
ASSAY CODE:	2 - 23 - 28
SAMPLE VOL:	10
R1 VOLUME:	400
R2 VOLUME:	100
WAVELENGTH 1:	700
WAVELENGTH 2:	415
REAGENT BLANK ABS:	INSTRUMENT DEFINED
REAGENT BLANK CONC:	0
STD ABS ALLOW.:	10%
STANDARD CONC.:	USER DEFINED
FACTOR:	-1
NORMAL RANGE LOW:	10
NORMAL RANGE HIGH:	220
ABS LIMIT (rate):	10000
CONTROL ID N:	USER DEFINED

Analyzer: Hitachi 705

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

PROGRAM

TEST:	AMYP
ASSAY CODE:	2 - 23 - 28
SAMPLE VOL:	10
R1 VOLUME:	400
R2 VOLUME:	100
WAVELENGTH 1:	700
WAVELENGTH 2:	415
REAGENT BLANK ABS:	INSTRUMENT DEFINED
REAGENT BLANK CONC:	0
STD ABS ALLOW.:	10%
STANDARD CONC.:	USER DEFINED
FACTOR:	-1
NORMAL RANGE LOW:	17
NORMAL RANGE HIGH:	115
ABS LIMIT (rate):	10000
CONTROL ID N:	USER DEFINED

Analyzer: Hitachi 705

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.

PROGRAM

TEST:	BIT
ASSAY CODE:	1 (ENDPOINT)
SAMPLE VOL:	20
R1 VOLUME:	400
R2 VOLUME:	100
WAVELENGTH 1:	700
WAVELENGTH 2:	505
REAGENT BLANK ABS:	INSTRUMENT DEFINED
REAGENT BLANK CONC:	0
STD ABS ALLOW.:	10%
STANDARD CONC.:	USER DEFINED
FACTOR:	-1
NORMAL RANGE LOW:	0.0
NORMAL RANGE HIGH:	1.2
ABS LIMIT (rate):	0
CONTROL ID N:	USER DEFINED

Analyzer: Hitachi 705

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.

PROGRAM

TEST:	BIT
ASSAY CODE:	1 (ENDPOINT)
SAMPLE VOL:	20
R1 VOLUME:	400
R2 VOLUME:	100
WAVELENGTH 1:	700
WAVELENGTH 2:	546
REAGENT BLANK ABS:	INSTRUMENT DEFINED
REAGENT BLANK CONC:	0
STD ABS ALLOW.:	10%
STANDARD CONC.:	USER DEFINED
FACTOR:	-1
NORMAL RANGE LOW:	0.0
NORMAL RANGE HIGH:	0.2
ABS LIMIT (rate):	0
CONTROL ID N:	USER DEFINED

Analyzer: Hitachi 705

Application: **CALCIUM** - Code CA 0505 CH
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

PROGRAM

TEST:	CA
ASSAY CODE:	1 (ENDPOINT)
SAMPLE VOL:	5
R1 VOLUME:	250
R2 VOLUME:	250
WAVELENGTH 1:	700
WAVELENGTH 2:	546
REAGENT BLANK ABS:	INSTRUMENT DEFINED
REAGENT BLANK CONC:	0
STD ABS ALLOW.:	10%
STANDARD CONC.:	USER DEFINED
FACTOR:	-1
NORMAL RANGE LOW:	9.2
NORMAL RANGE HIGH:	11.0
ABS LIMIT (rate):	0
CONTROL ID N:	USER DEFINED

Analyzer: Hitachi 705

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

PROGRAM

TEST:	CA
ASSAY CODE:	1 (ENDPOINT)
SAMPLE VOL:	5
R1 VOLUME:	500
R2 VOLUME:	0
WAVELENGTH 1:	700
WAVELENGTH 2:	660
REAGENT BLANK ABS:	INSTRUMENT DEFINED
REAGENT BLANK CONC:	0
STD ABS ALLOW.:	10%
STANDARD CONC.:	USER DEFINED
FACTOR:	-1
NORMAL RANGE LOW:	9.2
NORMAL RANGE HIGH:	11.0
ABS LIMIT (rate):	0
CONTROL ID N:	USER DEFINED

Analyzer: Hitachi 705

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

PROGRAM

TEST:	CHOL
ASSAY CODE:	1 (ENDPOINT)
SAMPLE VOL:	5
R1 VOLUME:	500
R2 VOLUME:	0
WAVELENGTH 1:	700
WAVELENGTH 2:	505
REAGENT BLANK ABS:	INSTRUMENT DEFINED
REAGENT BLANK CONC:	0
STD ABS ALLOW.:	10%
STANDARD CONC.:	USER DEFINED
FACTOR:	-1
NORMAL RANGE LOW:	140
NORMAL RANGE HIGH:	200
ABS LIMIT (rate):	0
CONTROL ID N:	USER DEFINED

Analyzer: Hitachi 705

Application: **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

TEST:	HDLC
ASSAY CODE:	1 - 12 - 28
SAMPLE VOL:	5
R1 VOLUME:	360
R2 VOLUME:	1200
WAVELENGTH 1:	700
WAVELENGTH 2:	600
REAGENT BLANK ABS:	INSTRUMENT DEFINED
REAGENT BLANK CONC:	0
STD ABS ALLOW.:	10%
STANDARD CONC.:	USER DEFINED
FACTOR:	-1
NORMAL RANGE LOW:	35
NORMAL RANGE HIGH:	55
ABS LIMIT (rate):	0
CONTROL ID N:	USER DEFINED

Analyzer: Hitachi 705Application: **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

PROGRAM

TEST:	CHE
ASSAY CODE:	2 - 20 - 24
SAMPLE VOL:	5
R1 VOLUME:	400
R2 VOLUME:	80
WAVELENGTH 1:	700
WAVELENGTH 2:	415
REAGENT BLANK ABS:	INSTRUMENT DEFINED
REAGENT BLANK CONC:	0
STD ABS ALLOW.:	10%
STANDARD CONC.:	USER DEFINED
FACTOR:	1
NORMAL RANGE LOW:	5600
NORMAL RANGE HIGH:	11200
ABS LIMIT (rate):	10000
CONTROL ID N:	USER DEFINED

Analyzer: Hitachi 705

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

PROGRAM

TEST:	CKMB
ASSAY CODE:	2 - 20 - 28
SAMPLE VOL:	10
R1 VOLUME:	400
R2 VOLUME:	100
WAVELENGTH 1:	376
WAVELENGTH 2:	340
REAGENT BLANK ABS:	INSTRUMENT DEFINED
REAGENT BLANK CONC:	0
STD ABS ALLOW.:	10%
STANDARD CONC.:	USER DEFINED
FACTOR:	-1
NORMAL RANGE LOW:	0
NORMAL RANGE HIGH:	25
ABS LIMIT (rate):	10000
CONTROL ID N:	USER DEFINED

Analyzer: Hitachi 705

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

PROGRAM

TEST:	CK
ASSAY CODE:	2 - 20 - 28
SAMPLE VOL:	10
R1 VOLUME:	400
R2 VOLUME:	100
WAVELENGTH 1:	376
WAVELENGTH 2:	340
REAGENT BLANK ABS:	INSTRUMENT DEFINED
REAGENT BLANK CONC:	0
STD ABS ALLOW.:	10%
STANDARD CONC.:	USER DEFINED
FACTOR:	-1
NORMAL RANGE LOW:	0
NORMAL RANGE HIGH:	190
ABS LIMIT (rate):	10000
CONTROL ID N:	USER DEFINED

Analyzer: Hitachi 705

Application: **COPPER** - Code CU 0100 CH
Preparation: R1 - MIX REAGENT A + REAGENT B AS INDICATED IN INSERT SHEET
Storage: REFRIGERATE AT 2-8°C (SEE NOTE)
Stability: 2 WEEKS

PROGRAM

TEST:	CU
ASSAY CODE:	1 (ENDPOINT)
SAMPLE VOL:	20
R1 VOLUME:	500
R2 VOLUME:	0
WAVELENGTH 1:	700
WAVELENGTH 2:	570
REAGENT BLANK ABS:	INSTRUMENT DEFINED
REAGENT BLANK CONC:	0
STD ABS ALLOW.:	10%
STANDARD CONC.:	USER DEFINED
FACTOR:	-1
NORMAL RANGE LOW:	80
NORMAL RANGE HIGH:	140
ABS LIMIT (rate):	0
CONTROL ID N:	USER DEFINED

Analyzer: Hitachi 705

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

PROGRAM

TEST:	CREA
ASSAY CODE:	2 - 17 - 21
SAMPLE VOL:	20
R1 VOLUME:	250
R2 VOLUME:	250
WAVELENGTH 1:	700
WAVELENGTH 2:	505
REAGENT BLANK ABS:	INSTRUMENT DEFINED
REAGENT BLANK CONC:	0
STD ABS ALLOW.:	10%
STANDARD CONC.:	USER DEFINED
FACTOR:	-1
NORMAL RANGE LOW:	0.6
NORMAL RANGE HIGH:	1.2
ABS LIMIT (rate):	10000
CONTROL ID N:	USER DEFINED

Analyzer: Hitachi 705Application: **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

PROGRAM

TEST: GGT

ASSAY CODE: 5 - 20 - 30

SAMPLE VOL: 20

R1 VOLUME: 400

R2 VOLUME: 100

WAVELENGTHS: 660 - 415

CALIB METHOD: 1 - 0

STD 1 CONC. POS.: X - X*

STD 2 CONC. POS.: 0 - 0

STD 3 CONC. POS.: 0 - 0

STD 4 CONC. POS.: 0 - 0

STD 5 CONC. POS.: 0 - 0

STD 6 CONC. POS.: 0 - 0

UNIT: U/L

SD LIMIT: 0.1

DUPLICATE LIMIT: 100

SENSITIVITY LIMIT: 0

ABS LIMIT: 12000 -

INC

PROZONE LIMIT: 0

EXPECTED VALUE: 11 - 50

INSTRUMENT FACTOR: 1.00

Analyzer: Hitachi 705

Application: **GLUCOSE FL** - Codes 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

TEST:	GLUC
ASSAY CODE:	1 (ENDPOINT)
SAMPLE VOL:	5
R1 VOLUME:	500
R2 VOLUME:	0
WAVELENGTH 1:	700
WAVELENGTH 2:	505
REAGENT BLANK ABS:	INSTRUMENT DEFINED
REAGENT BLANK CONC:	0
STD ABS ALLOW.:	10%
STANDARD CONC.:	USER DEFINED
FACTOR:	-1
NORMAL RANGE LOW:	70
NORMAL RANGE HIGH:	110
ABS LIMIT (rate):	0
CONTROL ID N:	USER DEFINED

Analyzer: Hitachi 705

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:	GLUC
ASSAY CODE:	1 (ENDPOINT)
SAMPLE VOL:	5
R1 VOLUME:	400
R2 VOLUME:	100
WAVELENGTH 1:	700
WAVELENGTH 2:	340
REAGENT BLANK ABS:	INSTRUMENT DEFINED
REAGENT BLANK CONC:	0
STD ABS ALLOW.:	10%
STANDARD CONC.:	USER DEFINED
FACTOR:	-1
NORMAL RANGE LOW:	70
NORMAL RANGE HIGH:	110
ABS LIMIT (rate):	0
CONTROL ID N:	USER DEFINED

Analyzer: Hitachi 705

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

PROGRAM

TEST:	GOT
ASSAY CODE:	2 - 22 - 28
SAMPLE VOL:	20
R1 VOLUME:	400
R2 VOLUME:	100
WAVELENGTH 1:	376
WAVELENGTH 2:	340
REAGENT BLANK ABS:	INSTRUMENT DEFINED
REAGENT BLANK CONC:	0
STD ABS ALLOW.:	10%
STANDARD CONC.:	USER DEFINED
FACTOR:	1
NORMAL RANGE LOW:	0
NORMAL RANGE HIGH:	40
ABS LIMIT (rate):	10000
CONTROL ID N:	USER DEFINED

Analyzer: Hitachi 705

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

PROGRAM

TEST:	GPT
ASSAY CODE:	2 - 22 - 28
SAMPLE VOL:	20
R1 VOLUME:	400
R2 VOLUME:	100
WAVELENGTH 1:	376
WAVELENGTH 2:	340
REAGENT BLANK ABS:	INSTRUMENT DEFINED
REAGENT BLANK CONC:	0
STD ABS ALLOW.:	10%
STANDARD CONC.:	USER DEFINED
FACTOR:	1
NORMAL RANGE LOW:	0
NORMAL RANGE HIGH:	40
ABS LIMIT (rate):	10000
CONTROL ID N:	USER DEFINED

Analyzer: Hitachi 705

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

TEST:	FE
ASSAY CODE:	1 (ENDPOINT)
SAMPLE VOL:	20
R1 VOLUME:	400
R2 VOLUME:	100
WAVELENGTH 1:	700
WAVELENGTH 2:	570
REAGENT BLANK ABS:	INSTRUMENT DEFINED
REAGENT BLANK CONC:	0
STD ABS ALLOW.:	10%
STANDARD CONC.:	USER DEFINED
FACTOR:	-1
NORMAL RANGE LOW:	59
NORMAL RANGE HIGH:	158
ABS LIMIT (rate):	0
CONTROL ID N:	USER DEFINED

Analyzer: Hitachi 705

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

PROGRAM

TEST:	LDH
ASSAY CODE:	2 - 22 - 28
SAMPLE VOL:	5
R1 VOLUME:	400
R2 VOLUME:	100
WAVELENGTH 1:	376
WAVELENGTH 2:	340
REAGENT BLANK ABS:	INSTRUMENT DEFINED
REAGENT BLANK CONC:	0
STD ABS ALLOW.:	10%
STANDARD CONC.:	USER DEFINED
FACTOR:	1
NORMAL RANGE LOW:	250
NORMAL RANGE HIGH:	450
ABS LIMIT (rate):	10000
CONTROL ID N:	USER DEFINED

Analyzer: Hitachi 705

Application: **MAGNESIUM** - Codes 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

PROGRAM

TEST:	MG
ASSAY CODE:	1 (ENDPOINT)
SAMPLE VOL:	5
R1 VOLUME:	250
R2 VOLUME:	250
WAVELENGTH 1:	700
WAVELENGTH 2:	505
REAGENT BLANK ABS:	INSTRUMENT DEFINED
REAGENT BLANK CONC:	0
STD ABS ALLOW.:	10%
STANDARD CONC.:	USER DEFINED
FACTOR:	-1
NORMAL RANGE LOW:	1.3
NORMAL RANGE HIGH:	2.1
ABS LIMIT (rate):	0
CONTROL ID N:	USER DEFINED

Analyzer: Hitachi 705

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

PROGRAM

TEST:	PHOS
ASSAY CODE:	1 (ENDPOINT)
SAMPLE VOL:	5
R1 VOLUME:	500
R2 VOLUME:	0
WAVELENGTH 1:	700
WAVELENGTH 2:	340
REAGENT BLANK ABS:	INSTRUMENT DEFINED
REAGENT BLANK CONC:	0
STD ABS ALLOW.:	10%
STANDARD CONC.:	USER DEFINED
FACTOR:	-1
NORMAL RANGE LOW:	2.3
NORMAL RANGE HIGH:	4.7
ABS LIMIT (rate):	0
CONTROL ID N:	USER DEFINED

Analyzer: Hitachi 705

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

TEST:	HS
ASSAY CODE:	1 (ENDPOINT)
SAMPLE VOL:	3
R1 VOLUME:	500
R2 VOLUME:	0
WAVELENGTH 1:	700
WAVELENGTH 2:	600
REAGENT BLANK ABS:	INSTRUMENT DEFINED
REAGENT BLANK CONC:	0
STD ABS ALLOW.:	10%
STANDARD CONC.:	USER DEFINED
FACTOR:	-1
NORMAL RANGE LOW:	28
NORMAL RANGE HIGH:	141
ABS LIMIT (rate):	0
CONTROL ID N:	USER DEFINED

Analyzer: Hitachi 705

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 THE LABEL

PROGRAM

TEST:	HS
ASSAY CODE:	1 (ENDPOINT)
SAMPLE VOL:	5
R1 VOLUME:	500
R2 VOLUME:	0
WAVELENGTH 1:	700
WAVELENGTH 2:	546
REAGENT BLANK ABS:	INSTRUMENT DEFINED
REAGENT BLANK CONC:	0
STD ABS ALLOW.:	10%
STANDARD CONC.:	USER DEFINED
FACTOR:	-1
NORMAL RANGE LOW:	6.0
NORMAL RANGE HIGH:	7.8
ABS LIMIT (rate):	0
CONTROL ID N:	USER DEFINED

Analyzer: Hitachi 705

Application: **TRIGLYCERIDES FL** - Codes 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

TEST:	TRIG
ASSAY CODE:	1 (ENDPOINT)
SAMPLE VOL:	5
R1 VOLUME:	500
R2 VOLUME:	0
WAVELENGTH 1:	700
WAVELENGTH 2:	505
REAGENT BLANK ABS:	INSTRUMENT DEFINED
REAGENT BLANK CONC:	0
STD ABS ALLOW.:	10%
STANDARD CONC.:	USER DEFINED
FACTOR:	-1
NORMAL RANGE LOW:	10
NORMAL RANGE HIGH:	190
ABS LIMIT (rate):	0
CONTROL ID N:	USER DEFINED

Analyzer: Hitachi 705

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

PROGRAM

TEST:	UREA
ASSAY CODE:	2 - 19 - 22
SAMPLE VOL:	5
R1 VOLUME:	400
R2 VOLUME:	100
WAVELENGTH 1:	376
WAVELENGTH 2:	340
REAGENT BLANK ABS:	INSTRUMENT DEFINED
REAGENT BLANK CONC:	0
STD ABS ALLOW.:	10%
STANDARD CONC.:	USER DEFINED
FACTOR:	1
NORMAL RANGE LOW:	10
NORMAL RANGE HIGH:	50
ABS LIMIT (rate):	10000
CONTROL ID N:	USER DEFINED

Analyzer: Hitachi 705

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

TEST:	URIC
ASSAY CODE:	1 (ENDPOINT)
SAMPLE VOL:	10
R1 VOLUME:	500
R2 VOLUME:	0
WAVELENGTH 1:	700
WAVELENGTH 2:	546
REAGENT BLANK ABS:	INSTRUMENT DEFINED
REAGENT BLANK CONC:	0
STD ABS ALLOW.:	10%
STANDARD CONC.:	USER DEFINED
FACTOR:	-1
NORMAL RANGE LOW:	3.5
NORMAL RANGE HIGH:	7.7
ABS LIMIT (rate):	0
CONTROL ID N:	USER DEFINED

Analyzer: Hitachi 705

Application: **ZINC** - Code ZN 0125 CH
Preparation: R1 - MIX REAGENT A + REAGENT B AS INDICATED IN INSERT SHEET
Storage: REFRIGERATE AT 2-8°C
Stability: 2 WEEKS

PROGRAM

TEST:	ZN
ASSAY CODE:	1 (ENDPOINT)
SAMPLE VOL:	20
R1 VOLUME:	500
R2 VOLUME:	0
WAVELENGTH 1:	700
WAVELENGTH 2:	570
REAGENT BLANK ABS:	INSTRUMENT DEFINED
REAGENT BLANK CONC:	0
STD ABS ALLOW.:	10%
STANDARD CONC.:	USER DEFINED
FACTOR:	-1
NORMAL RANGE LOW:	70
NORMAL RANGE HIGH:	115
ABS LIMIT (rate):	0
CONTROL ID N:	USER DEFINED