

Clinical chemistry

programs Hitachi 911/912

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 911/912

Application: **ALBUMIN** - Codes 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

TEST: ALB APP. CODE: 301 - 400 (choose in this interval)

WAVELENGTHS: 700 - 600

ASSAY: 1POINT TIME: 10 POINT: 31 - 0

SAMPLE VOL: NOMINAL 3
DECREASE 2
INCREASE 10

R1 VOLUME: 300
R2 VOLUME: 0
R3 VOLUME: 0
R4 VOLUME: 0

ABS LIMIT: 10000 - INC

PROZONE LIMIT: 0 - LOWER

CALIB METHOD: LINEAR (POINT: 2 - SPAN: 2 - WEIGHT: 0)

SD LIMIT: 0.250

DUPLICATE LIMIT: 5% 10 Abs

SENSITIVITY LIMIT:

EXPECTED VALUE: 3.8 - 5.1

CLASS 1 TECHNICAL RANGE: 0 - 8.0

Analyzer: Hitachi 911/912

Application: **AMYLASE EPS FL** - Codes EA F245 / 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: AMY APP. CODE: 301 - 400 (choose in this interval)

WAVELENGTHS: 660 - 415

ASSAY: RATE A TIME: 10 POINT: 24 - 30

SAMPLE VOL: NOMINAL 10
DECREASE 2
INCREASE 20

R1 VOLUME: 200
R2 VOLUME: 0
R3 VOLUME: 50
R4 VOLUME: 0

ABS LIMIT: 15000 - INC

PROZONE LIMIT: 0 - LOWER

CALIB METHOD: LINEAR (POINT: 2 - SPAN: 2 - WEIGHT: 0)

SD LIMIT: 0.250

DUPLICATE LIMIT: 5% 10 Abs

SENSITIVITY LIMIT:

EXPECTED VALUE: 10 - 220

CLASS 1 TECHNICAL RANGE: 0 - 2000

Analyzer: Hitachi 911/912

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

TEST: AMY APP. CODE: 301 - 400 (choose in this interval)

WAVELENGTHS: 660 - 415

ASSAY: RATE A TIME: 10 POINT: 7 - 14

SAMPLE VOL: NOMINAL 10
 DECREASE 2
 INCREASE 50

R1 VOLUME: 250
 R2 VOLUME: 0
 R3 VOLUME: 0
 R4 VOLUME: 0

ABS LIMIT: 15000 - INC

PROZONE LIMIT: 0 - LOWER

CALIB METHOD: LINEAR (POINT: 2 - SPAN: 2 - WEIGHT: 0)

SD LIMIT: 0.250

DUPLICATE LIMIT: 5% 10 Abs

SENSITIVITY LIMIT:

EXPECTED VALUE: 0 - 90

CLASS 1 TECHNICAL RANGE: 0 - 2000

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: 0 - 220

CLASS 1 TECHNICAL RANGE: 0 - 5000

Analyzer: Hitachi 911/912Application: **PANCREATIC ISOAMYLASE FL** - Code 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

TEST: IAMY APP. CODE: 301 - 400 (choose in this interval)

WAVELENGTHS: 660 - 415

ASSAY: RATE A TIME: 10 POINT: 24 - 30

SAMPLE VOL: NOMINAL 10
DECREASE 2
INCREASE 20R1 VOLUME: 200
R2 VOLUME: 0
R3 VOLUME: 50
R4 VOLUME: 0

ABS LIMIT: 15000 - INC

PROZONE LIMIT: 0 - LOWER

CALIB METHOD: LINEAR (POINT: 2 - SPAN: 2 - WEIGHT: 0)

SD LIMIT: 0.250

DUPLICATE LIMIT: 5% 10 Abs

SENSITIVITY LIMIT:

EXPECTED VALUE: 10 - 220

CLASS 1 TECHNICAL RANGE: 0 - 2000

Analyzer: Hitachi 911/912

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: BILD APP. CODE: 301 - 400 (choose in this interval)

WAVELENGTHS: 700 - 546

ASSAY: 2POINT TIME: 10 POINT: 15 - 31

SAMPLE VOL: NOMINAL 20
DECREASE 5
INCREASE 40

R1 VOLUME: 200
R2 VOLUME: 0
R3 VOLUME: 50
R4 VOLUME: 0

ABS LIMIT: 10000 - INC

PROZONE LIMIT: 0 - LOWER

CALIB METHOD: LINEAR (POINT: 2 - SPAN: 2 - WEIGHT: 0)

SD LIMIT: 0.250

DUPLICATE LIMIT: 5% 10 Abs

SENSITIVITY LIMIT:

EXPECTED VALUE: 0 - 0.2

CLASS 1 TECHNICAL RANGE: 0 - 25

Analyzer: Hitachi 911/912Application: **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: BILT APP. CODE: 301 - 400 (choose in this interval)

WAVELENGTHS: 700 - 505

ASSAY: 2POINT TIME: 10 POINT: 15 - 31

SAMPLE VOL: NOMINAL 12
DECREASE 4
INCREASE 24R1 VOLUME: 200
R2 VOLUME: 0
R3 VOLUME: 50
R4 VOLUME: 0

ABS LIMIT: 10000 - INC

PROZONE LIMIT: 0 - LOWER

CALIB METHOD: LINEAR (POINT: 2 - SPAN: 2 - WEIGHT: 0)

SD LIMIT: 0.250

DUPLICATE LIMIT: 5% 10 Abs

SENSITIVITY LIMIT:

EXPECTED VALUE: 0 - 1.2

CLASS 1 TECHNICAL RANGE: 0 - 25

Analyzer: Hitachi 911/912

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

PROGRAM

TEST: CA APP. CODE: 301 - 400 (choose in this interval)

WAVELENGTHS: 700 - 546

ASSAY: 1POINT TIME: 10 POINT: 31 - 0

SAMPLE VOL: NOMINAL 3
DECREASE 2
INCREASE 8

R1 VOLUME: 125
R2 VOLUME: 0
R3 VOLUME: 125
R4 VOLUME: 0

ABS LIMIT: 10000 - INC
PROZONE LIMIT: 0 - LOWER

CALIB METHOD: LINEAR (POINT: 2 - SPAN: 2 - WEIGHT: 0)

SD LIMIT: 0.250
DUPLICATE LIMIT: 5% 10 Abs
SENSITIVITY LIMIT:

EXPECTED VALUE: 9.2 - 11.0
CLASS 1 TECHNICAL RANGE: 0 - 20

Analyzer: Hitachi 911/912

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 APP. CODE: 301 - 400 (choose in this interval)

WAVELENGTHS: 700 - 660

ASSAY: 1POINT TIME: 10 POINT: 31 - 0

SAMPLE VOL: NOMINAL 3
DECREASE 2
INCREASE 8

R1 VOLUME: 250
R2 VOLUME: 0
R3 VOLUME: 0
R4 VOLUME: 0

ABS LIMIT: 10000 - INC

PROZONE LIMIT: 0 - LOWER

CALIB METHOD: LINEAR (POINT: 2 - SPAN: 2 - WEIGHT: 0)

SD LIMIT: 0.250

DUPLICATE LIMIT: 5% 10 Abs

SENSITIVITY LIMIT:

EXPECTED VALUE: 9.2 - 11.0

CLASS 1 TECHNICAL RANGE: 0 - 20

Analyzer: Hitachi 911/912

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 APP. CODE: 301 - 400 (choose in this interval)

WAVELENGTHS: 700 - 505

ASSAY: 1POINT TIME: 10 POINT: 31 - 0

SAMPLE VOL: NOMINAL 3
DECREASE 2
INCREASE 8

R1 VOLUME: 250
R2 VOLUME: 0
R3 VOLUME: 0
R4 VOLUME: 0

ABS LIMIT: 10000 - INC

PROZONE LIMIT: 0 - LOWER

CALIB METHOD: LINEAR (POINT: 2 - SPAN: 2 - WEIGHT: 0)

SD LIMIT: 0.250

DUPLICATE LIMIT: 5% 10 Abs

SENSITIVITY LIMIT:

EXPECTED VALUE: 140 - 200

CLASS 1 TECHNICAL RANGE: 0 - 750

Analyzer: Hitachi 911/912Application: **CHOLINESTERASE FL (DGKC)** - Codes CH 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: CHE APP. CODE: 301 - 400 (choose in this interval)

WAVELENGTHS: 660 - 415

ASSAY: RATE A TIME: 10 POINT: 20 - 28

SAMPLE VOL: NOMINAL 4
DECREASE 2
INCREASE 8

R1 VOLUME: 200

R2 VOLUME: 0

R3 VOLUME: 40

R4 VOLUME: 0

ABS LIMIT: 15000 - DEC

PROZONE LIMIT: 0 - LOWER

CALIB METHOD: LINEAR (POINT: 2 - SPAN: 2 - WEIGHT: 0)

SD LIMIT: 0.250

DUPLICATE LIMIT: 5% 10 Abs

SENSITIVITY LIMIT:

EXPECTED VALUE: 5600 - 11200

CLASS 1 TECHNICAL RANGE: 0 - 25000

Analyzer: Hitachi 911/912

Application: **CK-MB FL** - Codes 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 APP. CODE: 301 - 400 (choose in this interval)

WAVELENGTHS: 660 - 340

ASSAY: RATE A TIME: 10 POINT: 19 - 30

SAMPLE VOL: NOMINAL 8
DECREASE 3
INCREASE 16

R1 VOLUME: 200
R2 VOLUME: 0
R3 VOLUME: 50
R4 VOLUME: 0

ABS LIMIT: 15000 - INC

PROZONE LIMIT: 0 - LOWER

CALIB METHOD: LINEAR (POINT: 2 - SPAN: 2 - WEIGHT: 0)

SD LIMIT: 0.250

DUPLICATE LIMIT: 5% 10 Abs

SENSITIVITY LIMIT:

EXPECTED VALUE: 0 - 24

CLASS 1 TECHNICAL RANGE: 0 - 1200

Analyzer: Hitachi 911/912

Application: **CK-NAC FL** - Codes CK F120 / F245 / 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: CPK APP. CODE: 301 - 400 (choose in this interval)

WAVELENGTHS: 660 - 340

ASSAY: RATE A TIME: 10 POINT: 19 - 30

SAMPLE VOL: NOMINAL 8
DECREASE 3
INCREASE 16

R1 VOLUME: 200
R2 VOLUME: 0
R3 VOLUME: 50
R4 VOLUME: 0

ABS LIMIT: 15000 - INC

PROZONE LIMIT: 0 - LOWER

CALIB METHOD: LINEAR (POINT: 2 - SPAN: 2 - WEIGHT: 0)

SD LIMIT: 0.250

DUPLICATE LIMIT: 5% 10 Abs

SENSITIVITY LIMIT:

EXPECTED VALUE: 0 - 190

CLASS 1 TECHNICAL RANGE: 0 - 1200

Analyzer: Hitachi 911/912

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

PROGRAM

TEST: RAME APP. CODE: 301 - 400 (choose in this interval)

WAVELENGTHS: 700 - 600

ASSAY: 1POINT TIME: 10 POINT: 31 - 0

SAMPLE VOL: NOMINAL 20
DECREASE 10
INCREASE 30

R1 VOLUME: 250
R2 VOLUME: 0
R3 VOLUME: 0
R4 VOLUME: 0

ABS LIMIT: 10000 - INC

PROZONE LIMIT: 0 - LOWER

CALIB METHOD: LINEAR (POINT: 2 - SPAN: 2 - WEIGHT: 0)

SD LIMIT: 0.250

DUPLICATE LIMIT: 5% 10 Abs

SENSITIVITY LIMIT:

EXPECTED VALUE: 80 - 140

CLASS 1 TECHNICAL RANGE: 0 - 500

Analyzer: Hitachi 911/912

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 APP. CODE: 301 - 400 (choose in this interval)

WAVELENGTHS: 700 - 505

ASSAY: 21POINT RATE TIME: 10 POINT: 19 - 23

SAMPLE VOL: NOMINAL 20
 DECREASE 10
 INCREASE 40

R1 VOLUME: 125
 R2 VOLUME: 0
 R3 VOLUME: 125
 R4 VOLUME: 0

ABS LIMIT: 15000 - INC

PROZONE LIMIT: 0 - LOWER

CALIB METHOD: LINEAR (POINT: 2 - SPAN: 2 - WEIGHT: 0)

SD LIMIT: 0.250

DUPLICATE LIMIT: 5% 10 Abs

SENSITIVITY LIMIT:

EXPECTED VALUE: 0.6 - 1.2

CLASS 1 TECHNICAL RANGE: 0 - 15

Analyzer: Hitachi 911/912

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: CREA APP. CODE: 301 - 400 (choose in this interval)

WAVELENGTHS: 700 - 505

ASSAY: 2POINT TIME: 10 POINT: 15 - 31

SAMPLE VOL: NOMINAL 10
DECREASE 3
INCREASE 20

R1 VOLUME: 200
R2 VOLUME: 0
R3 VOLUME: 50
R4 VOLUME: 0

ABS LIMIT: 10000 - INC

PROZONE LIMIT: 0 - LOWER

CALIB METHOD: LINEAR (POINT: 2 - SPAN: 2 - WEIGHT: 0)

SD LIMIT: 0.250

DUPLICATE LIMIT: 5% 10 Abs

SENSITIVITY LIMIT:

EXPECTED VALUE: 0.6 - 1.2

CLASS 1 TECHNICAL RANGE: 0 - 20

Analyzer: Hitachi 911/912Application: **GAMMA-GT FL** - Codes GT 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

PROGRAM

TEST: GGT APP. CODE: 301 - 400 (choose in this interval)

WAVELENGTHS: 700 - 415

ASSAY: RATE A TIME: 10 POINT: 19 - 30

SAMPLE VOL: NOMINAL 5
DECREASE 2
INCREASE 10R1 VOLUME: 200
R2 VOLUME: 0
R3 VOLUME: 50
R4 VOLUME: 0

ABS LIMIT: 15000 - INC

PROZONE LIMIT: 0 - LOWER

CALIB METHOD: LINEAR (POINT: 2 - SPAN: 2 - WEIGHT: 0)

SD LIMIT: 0.250

DUPLICATE LIMIT: 5% 10 Abs

SENSITIVITY LIMIT:

EXPECTED VALUE: 11 - 50

CLASS 1 TECHNICAL RANGE: 0 - 1200

Analyzer: Hitachi 911/912

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 APP. CODE: 301 - 400 (choose in this interval)

WAVELENGTHS: 700 - 505

ASSAY: 1POINT TIME: 10 POINT: 31 - 0

SAMPLE VOL: NOMINAL 3
DECREASE 2
INCREASE 8

R1 VOLUME: 250
R2 VOLUME: 0
R3 VOLUME: 0
R4 VOLUME: 0

ABS LIMIT: 10000 - INC

PROZONE LIMIT: 0 - LOWER

CALIB METHOD: LINEAR (POINT: 2 - SPAN: 2 - WEIGHT: 0)

SD LIMIT: 0.250

DUPLICATE LIMIT: 5% 10 Abs

SENSITIVITY LIMIT:

EXPECTED VALUE: 60 - 110

CLASS 1 TECHNICAL RANGE: 0 - 500

Analyzer: Hitachi 911/912

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 APP. CODE: 301 - 400 (choose in this interval)

WAVELENGTHS: 700 - 340

ASSAY: 2POINT TIME: 10 POINT: 15 - 31

SAMPLE VOL: NOMINAL 3
DECREASE 2
INCREASE 8

R1 VOLUME: 200
R2 VOLUME: 0
R3 VOLUME: 50
R4 VOLUME: 0

ABS LIMIT: 10000 - INC
PROZONE LIMIT: 0 - LOWER

CALIB METHOD: LINEAR (POINT: 2 - SPAN: 2 - WEIGHT: 0)

SD LIMIT: 0.250
DUPLICATE LIMIT: 5% 10 Abs
SENSITIVITY LIMIT:

EXPECTED VALUE: 60 - 110
CLASS 1 TECHNICAL RANGE: 0 - 1000

Analyzer: Hitachi 911/912Application: **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 APP. CODE: 301 - 400 (choose in this interval)

WAVELENGTHS: 660 - 340

ASSAY: RATE A TIME: 10 POINT: 19 - 30

SAMPLE VOL: NOMINAL 25

DECREASE 10

INCREASE 40

R1 VOLUME: 200

R2 VOLUME: 0

R3 VOLUME: 50

R4 VOLUME: 0

ABS LIMIT: 10000 - DEC

PROZONE LIMIT: 0 - LOWER

CALIB METHOD: LINEAR (POINT: 2 - SPAN: 2 - WEIGHT: 0)

SD LIMIT: 0.250

DUPLICATE LIMIT: 5% 10 Abs

SENSITIVITY LIMIT:

EXPECTED VALUE: 0 - 40

CLASS 1 TECHNICAL RANGE: 0 - 440

Analyzer: Hitachi 911/912

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 APP. CODE: 301 - 400 (choose in this interval)

WAVELENGTHS: 660 - 340

ASSAY: RATE A TIME: 10 POINT: 19 - 30

SAMPLE VOL: NOMINAL 25
 DECREASE 10
 INCREASE 40

R1 VOLUME: 200
 R2 VOLUME: 0
 R3 VOLUME: 50
 R4 VOLUME: 0

ABS LIMIT: 10000 - DEC

PROZONE LIMIT: 0 - LOWER

CALIB METHOD: LINEAR (POINT: 2 - SPAN: 2 - WEIGHT: 0)

SD LIMIT: 0.250

DUPLICATE LIMIT: 5% 10 Abs

SENSITIVITY LIMIT:

EXPECTED VALUE: 0 - 40

CLASS 1 TECHNICAL RANGE: 0 - 440

Analyzer: Hitachi 911/912

Application: **HBDH FL** - Code HB 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: HBDH APP. CODE: 301 - 400 (choose in this interval)

WAVELENGTHS: 660 - 340

ASSAY: RATE A TIME: 10 POINT: 19 - 30

SAMPLE VOL: NOMINAL 4
DECREASE 2
INCREASE 10

R1 VOLUME: 200
R2 VOLUME: 0
R3 VOLUME: 50
R4 VOLUME: 0

ABS LIMIT: 15000 - DEC

PROZONE LIMIT: 0 - LOWER

CALIB METHOD: LINEAR (POINT: 2 - SPAN: 2 - WEIGHT: 0)

SD LIMIT: 0.250

DUPLICATE LIMIT: 5% 10 Abs

SENSITIVITY LIMIT:

EXPECTED VALUE: 96 - 190

CLASS 1 TECHNICAL RANGE: 0 - 5000

Analyzer: Hitachi 911/912Application: **HDL direct FL**- Code HD F245 CHPreparation: 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 APP. CODE: 301 - 400 (choose in this interval)

WAVELENGTHS: 700 - 600

ASSAY: 2POINT TIME: 10 POINT: 15 - 31

SAMPLE VOL: NOMINAL 3
DECREASE 2
INCREASE 8R1 VOLUME: 200
R2 VOLUME: 0
R3 VOLUME: 66
R4 VOLUME: 0

ABS LIMIT: 10000 - INC

PROZONE LIMIT: 0 - LOWER

CALIB METHOD: LINEAR (POINT: 2 - SPAN: 2 - WEIGHT: 0)

SD LIMIT: 0.250

DUPLICATE LIMIT: 5% 10 Abs

SENSITIVITY LIMIT:

EXPECTED VALUE: 35 - 55

CLASS 1 TECHNICAL RANGE: 0 - 250

Analyzer: Hitachi 911/912

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 APP. CODE: 301 - 400 (choose in this interval)

WAVELENGTHS: 700 - 570

ASSAY: 2POINT TIME: 10 POINT: 15 - 31

SAMPLE VOL: NOMINAL 40
DECREASE 20
INCREASE 50

R1 VOLUME: 200
R2 VOLUME: 0
R3 VOLUME: 50
R4 VOLUME: 0

ABS LIMIT: 10000 - INC

PROZONE LIMIT: 0 - LOWER

CALIB METHOD: LINEAR (POINT: 2 - SPAN: 2 - WEIGHT: 0)

SD LIMIT: 0.250

DUPLICATE LIMIT: 5% 10 Abs

SENSITIVITY LIMIT:

EXPECTED VALUE: 59 - 158

CLASS 1 TECHNICAL RANGE: 0 - 1000

Analyzer: Hitachi 911/912

Application: **LDH FL** - Codes LD F120 / F245 / 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: LDH APP. CODE: 301 - 400 (choose in this interval)

WAVELENGTHS: 660 - 340

ASSAY: RATE A TIME: 10 POINT: 19 - 30

SAMPLE VOL: NOMINAL 4
DECREASE 2
INCREASE 10

R1 VOLUME: 200
R2 VOLUME: 0
R3 VOLUME: 50
R4 VOLUME: 0

ABS LIMIT: 15000 - DEC

PROZONE LIMIT: 0 - LOWER

CALIB METHOD: LINEAR (POINT: 2 - SPAN: 2 - WEIGHT: 0)

SD LIMIT: 0.250

DUPLICATE LIMIT: 5% 10 Abs

SENSITIVITY LIMIT:

EXPECTED VALUE: 225 - 450

CLASS 1 TECHNICAL RANGE: 0 - 5000

Analyzer: Hitachi 911/912

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 APP. CODE: 301 - 400 (choose in this interval)

WAVELENGTHS: 700 - 505

ASSAY: 1POINT TIME: 10 POINT: 31 - 0

SAMPLE VOL: NOMINAL 3
DECREASE 2
INCREASE 10

R1 VOLUME: 125
R2 VOLUME: 0
R3 VOLUME: 125
R4 VOLUME: 0

ABS LIMIT: 10000 - INC
PROZONE LIMIT: 0 - LOWER

CALIB METHOD: LINEAR (POINT: 2 - SPAN: 2 - WEIGHT: 0)

SD LIMIT: 0.250
DUPLICATE LIMIT: 5% 10 Abs
SENSITIVITY LIMIT:

EXPECTED VALUE: 1.3 - 2.1
CLASS 1 TECHNICAL RANGE: 0 - 10.0

Analyzer: Hitachi 911/912Application: **TOTAL ACID PHOSPHATASE** - 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

PROGRAM

TEST: ACPT APP. CODE: 301 - 400 (choose in this interval)

WAVELENGTHS: 700 - 415

ASSAY: RATE A TIME: 10 POINT: 19 - 31

SAMPLE VOL:	NOMINAL	20
	DECREASE	10
	INCREASE	40

R1 VOLUME:	250
R2 VOLUME:	0
R3 VOLUME:	0
R4 VOLUME:	0

ABS LIMIT: 15000 - INC

PROZONE LIMIT: 0 - LOWER

CALIB METHOD: LINEAR (POINT: 2 - SPAN: 2 - WEIGHT: 0)

SD LIMIT: 0.250

DUPLICATE LIMIT: 5% 10 Abs

SENSITIVITY LIMIT:

EXPECTED VALUE: 0 - 4.1

CLASS 1 TECHNICAL RANGE: 0 - 75

Analyzer: Hitachi 911/912

Application: **NON PROSTATE ACID PHOSPHATASE** - 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

PROGRAM

TEST: ACPN APP. CODE: 301 - 400 (choose in this interval)

WAVELENGTHS: 700 - 415

ASSAY: RATE A TIME: 10 POINT: 19 - 31

SAMPLE VOL: NOMINAL 20
DECREASE 10
INCREASE 40

R1 VOLUME: 250
R2 VOLUME: 0
R3 VOLUME: 0
R4 VOLUME: 0

ABS LIMIT: 15000 - INC

PROZONE LIMIT: 0 - LOWER

CALIB METHOD: LINEAR (POINT: 2 - SPAN: 2 - WEIGHT: 0)

SD LIMIT: 0.250

DUPLICATE LIMIT: 5% 10 Abs

SENSITIVITY LIMIT:

EXPECTED VALUE: READ INSERT SHEET

CLASS 1 TECHNICAL RANGE: 0 - 75

Analyzer: Hitachi 911/912Application: **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

PROGRAM

TEST: ALP APP. CODE: 301 - 400 (choose in this interval)

WAVELENGTHS: 700 - 415

ASSAY: RATE A TIME: 10 POINT: 19 - 30

SAMPLE VOL: NOMINAL 5
DECREASE 2
INCREASE 10R1 VOLUME: 200
R2 VOLUME: 0
R3 VOLUME: 50
R4 VOLUME: 0

ABS LIMIT: 15000 - INC

PROZONE LIMIT: 0 - LOWER

CALIB METHOD: LINEAR (POINT: 2 - SPAN: 2 - WEIGHT: 0)

SD LIMIT: 0.250

DUPLICATE LIMIT: 5% 10 Abs

SENSITIVITY LIMIT:

EXPECTED VALUE: 64 - 306

CLASS 1 TECHNICAL RANGE: 0 - 2000

Analyzer: Hitachi 911/912

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

PROGRAM

TEST: PHOS APP. CODE: 301 - 400 (choose in this interval)

WAVELENGTHS: 660 - 340

ASSAY: 1POINT TIME: 10 POINT: 31 - 0

SAMPLE VOL: NOMINAL 3
DECREASE 2
INCREASE 10

R1 VOLUME: 250
R2 VOLUME: 0
R3 VOLUME: 0
R4 VOLUME: 0

ABS LIMIT: 10000 - INC

PROZONE LIMIT: 0 - LOWER

CALIB METHOD: LINEAR (POINT: 2 - SPAN: 2 - WEIGHT: 0)

SD LIMIT: 0.250

DUPLICATE LIMIT: 5% 10 Abs

SENSITIVITY LIMIT:

EXPECTED VALUE: 2.3 - 4.7

CLASS 1 TECHNICAL RANGE: 0 - 25

Analyzer: Hitachi 911/912

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 APP. CODE: 301 - 400 (choose in this interval)

WAVELENGTHS: 700 - 600

ASSAY: 1POINT TIME: 10 POINT: 31 - 0

SAMPLE VOL: NOMINAL 3
DECREASE 2
INCREASE 10

R1 VOLUME: 300
R2 VOLUME: 0
R3 VOLUME: 0
R4 VOLUME: 0

ABS LIMIT: 10000 - INC

PROZONE LIMIT: 0 - LOWER

CALIB METHOD: LINEAR (POINT: 2 - SPAN: 2 - WEIGHT: 0)

SD LIMIT: 0.250

DUPLICATE LIMIT: 5% 10 Abs

SENSITIVITY LIMIT:

EXPECTED VALUE: 28 - 141

CLASS 1 TECHNICAL RANGE: 0 - 500

Analyzer: Hitachi 911/912

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

TEST: PROT APP. CODE: 301 - 400 (choose in this interval)

WAVELENGTHS: 700 - 546

ASSAY: 1POINT TIME: 10 POINT: 31 - 0

SAMPLE VOL: NOMINAL 3
 DECREASE 2
 INCREASE 10

R1 VOLUME: 250
 R2 VOLUME: 0
 R3 VOLUME: 0
 R4 VOLUME: 0

ABS LIMIT: 10000 - INC
 PROZONE LIMIT: 0 - LOWER

CALIB METHOD: LINEAR (POINT: 2 - SPAN: 2 - WEIGHT: 0)

SD LIMIT: 0.250
 DUPLICATE LIMIT: 5% 10 Abs
 SENSITIVITY LIMIT:

EXPECTED VALUE: 6.3 - 8.4
 CLASS 1 TECHNICAL RANGE: 0 - 12.0

Analyzer: Hitachi 911/912

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

PROGRAM

TEST: TRIG APP. CODE: 301 - 400 (choose in this interval)

WAVELENGTHS: 700 - 505

ASSAY: 1POINT TIME: 10 POINT: 31 - 0

SAMPLE VOL: NOMINAL 3
DECREASE 2
INCREASE 8

R1 VOLUME: 250
R2 VOLUME: 0
R3 VOLUME: 0
R4 VOLUME: 0

ABS LIMIT: 10000 - INC

PROZONE LIMIT: 0 - LOWER

CALIB METHOD: LINEAR (POINT: 2 - SPAN: 2 - WEIGHT: 0)

SD LIMIT: 0.250

DUPLICATE LIMIT: 5% 10 Abs

SENSITIVITY LIMIT:

EXPECTED VALUE: 10 - 190

CLASS 1 TECHNICAL RANGE: 0 - 1000

Analyzer: Hitachi 911/912Application: **UREA UV FL** - Codes AZ 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

PROGRAM

TEST: UREA APP. CODE: 301 - 400 (choose in this interval)

WAVELENGTHS: 660 - 340

ASSAY: 2POINTS RATE TIME: 10 POINT: 18 - 21

SAMPLE VOL: NOMINAL 3
DECREASE 2
INCREASE 8R1 VOLUME: 200
R2 VOLUME: 0
R3 VOLUME: 50
R4 VOLUME: 0

ABS LIMIT: 15000 - DEC

PROZONE LIMIT: 0 - LOWER

CALIB METHOD: LINEAR (POINT: 2 - SPAN: 2 - WEIGHT: 0)

SD LIMIT: 0.250

DUPLICATE LIMIT: 5% 10 Abs

SENSITIVITY LIMIT:

EXPECTED VALUE: 10 - 50

CLASS 1 TECHNICAL RANGE: 0 - 300

Analyzer: Hitachi 911/912

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 APP. CODE: 301 - 400 (choose in this interval)

WAVELENGTHS: 700 - 546

ASSAY: 1POINT TIME: 10 POINT: 31 - 0

SAMPLE VOL: NOMINAL 7
DECREASE 3
INCREASE 10

R1 VOLUME: 250
R2 VOLUME: 0
R3 VOLUME: 0
R4 VOLUME: 0

ABS LIMIT: 10000 - INC
PROZONE LIMIT: 0 - LOWER

CALIB METHOD: LINEAR (POINT: 2 - SPAN: 2 - WEIGHT: 0)

SD LIMIT: 0.250
DUPLICATE LIMIT: 5% 10 Abs
SENSITIVITY LIMIT:

EXPECTED VALUE: 3.5 - 7.7
CLASS 1 TECHNICAL RANGE: 0 - 25

Analyzer: Hitachi 911/912

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: ZINK APP. CODE: 301 - 400 (choose in this interval)

WAVELENGTHS: 700 - 600

ASSAY: 1POINT TIME: 10 POINT: 31 - 0

SAMPLE VOL: NOMINAL 20
DECREASE 10
INCREASE 30

R1 VOLUME: 250
R2 VOLUME: 0
R3 VOLUME: 0
R4 VOLUME: 0

ABS LIMIT: 10000 - INC

PROZONE LIMIT: 0 - LOWER

CALIB METHOD: LINEAR (POINT: 2 - SPAN: 2 - WEIGHT: 0)

SD LIMIT: 0.250

DUPLICATE LIMIT: 5% 10 Abs

SENSITIVITY LIMIT:

EXPECTED VALUE: 70 - 115

CLASS 1 TECHNICAL RANGE: 0 - 1000