



## Hitachi 911-912 instructions

rev 410.0.3 - 2014-11-28

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## Hitachi 911-912 instructions

rev 410.0.2 - 2010-08-01

### Warning!

These programs should be used only as guideline. To check the reagent correct setting on the instrument, use only good quality control sera and work accordingly to with good laboratory practice. Instrumental factor must be checked. Chema Diagnostica will not be responsible for instrumental bad programming.

**Analyzer: Hitachi 911/912**

Application: **ALBUMIN** - Codes BC 0100 / 0500 / 1000 / 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

SAMPLE VOL: NOMINAL 2  
DECREASE 2  
INCREASE 5

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

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

CALIB METHOD: LINEAR(PPOINT: 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 - 6.0

**Analyzer: Hitachi 911/912**

Application: **ALKALINE PHOSPHATASE DGKC FL** - Codes AL F080 / 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 APP. CODE: 301 - 400 (choose in this interval)

WAVELENGTHS: 700 - 415

ASSAY: RATE A TIME: 10 POINT: 20 - 30

SAMPLE VOL: NOMINAL 6  
DECREASE 3  
INCREASE 10

R1 VOLUME: 240  
R2 VOLUME: 0  
R3 VOLUME: 60  
R4 VOLUME: 0

ABS LIMIT: 15000 - INC  
PROZONE LIMIT: 0 - LOWER

CALIB METHOD: LINEAR(PPOINT: 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 - 3000

**Analyzer: Hitachi 911/912**Application: **ALKALINE PHOSPHATASE IFCC FL** - Codes AF F080 / 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 APP. CODE: 301 - 400 (choose in this interval)

WAVELENGTHS: 700 - 415

ASSAY: RATE A TIME: 10 POINT: 20 - 30

SAMPLE VOL: NOMINAL 6  
DECREASE 3  
INCREASE 10

R1 VOLUME: 240

R2 VOLUME: 0

R3 VOLUME: 60

R4 VOLUME: 0

ABS LIMIT: 15000 - INC

PROZONE LIMIT: 0 - LOWER

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

SD LIMIT: 0.250

DUPLICATE LIMIT: 5% 10 Abs

SENSITIVITY LIMIT:

EXPECTED VALUE: 35 - 104

CLASS 1 TECHNICAL RANGE: 0 - 3000

**Analyzer: Hitachi 911/912**

Application: **AMYLASE EPS FL** - Codes EA F080 / 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 APP. CODE: 301 - 400 (choose in this interval)

WAVELENGTHS: 700 - 415

ASSAY: RATE A TIME: 10 POINT: 14 - 25

SAMPLE VOL: NOMINAL 10  
DECREASE 3  
INCREASE 20

R1 VOLUME: 240  
R2 VOLUME: 60  
R3 VOLUME: 0  
R4 VOLUME: 0

ABS LIMIT: 15000 - INC  
PROZONE LIMIT: 0 - LOWER

CALIB METHOD: LINEAR(PPOINT: 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 - 1500

**Analyzer: Hitachi 911/912**Application: **AMYLASE FL** - Codes AM F060 / 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 APP. CODE: 301 - 400 (choose in this interval)

WAVELENGTHS: 700 - 415

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

SAMPLE VOL: NOMINAL 7  
DECREASE 3  
INCREASE 20R1 VOLUME: 280  
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 - 3000

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 911/912**Application: **PANCREATIC ISOAMYLASE FL** - Code PA F080 / 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: IAMY APP. CODE: 301 - 400 (choose in this interval)

WAVELENGTHS: 700 - 415

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

SAMPLE VOL: NOMINAL 6  
DECREASE 3  
INCREASE 10

R1 VOLUME: 240

R2 VOLUME: 0

R3 VOLUME: 60

R4 VOLUME: 0

ABS LIMIT: 15000 - INC

PROZONE LIMIT: 0 - LOWER

CALIB METHOD: LINEAR(PPOINT: 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 - 2500

**Analyzer: Hitachi 911/912**Application: **BICARBONATE FL** - Code BR F060 / F245 / F400 CH

Preparation: R1 - INSTALL LIQUID READY TO USE REAGENT A

Storage: REFRIGERATE AT 2-8°C

Stability: AS INDICATED IN THE LABEL

**PROGRAM**

TEST: CO2 APP. CODE: 301 - 400 (choose in this interval)

WAVELENGTHS: 700 - 415

ASSAY: 1POINT TIME: 10 POINT: 31

SAMPLE VOL:	NOMINAL	3
	DECREASE	2
	INCREASE	8

R1 VOLUME:	300
R2 VOLUME:	0
R3 VOLUME:	0
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: 22 - 29

CLASS 1 TECHNICAL RANGE: 0 - 50

**Analyzer: Hitachi 911/912**Application: **BILIRUBIN TOTAL FL** - Code DT F125 / F500 CH

Preparation: R1 - USE LIQUID READY TO USE REAGENT A

R2 - USE LIQUID READY TO USE REAGENT B

Storage: REFRIGERATE AT 2-8°C

Stability: AS INDICATED IN THE LABEL

**PROGRAM**

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

WAVELENGTHS: 700 - 505

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

SAMPLE VOL: NOMINAL 12

DECREASE 5

INCREASE 25

R1 VOLUME: 240

R2 VOLUME: 0

R3 VOLUME: 60

R4 VOLUME: 0

ABS LIMIT: 10000 - INC

PROZONE LIMIT: 0 - LOWER

CALIB METHOD: LINEAR(PPOINT: 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 - 20

**Analyzer: Hitachi 911/912**Application: **BILIRUBIN DIRECT FL** - Code DD F125 / F500 CHPreparation: R1 - USE LIQUID READY TO USE REAGENT A  
R2 - USE LIQUID READY TO USE REAGENT B

Storage: REFRIGERATE AT 2-8°C

Stability: AS INDICATED IN THE LABEL

**PROGRAM**

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

WAVELENGTHS: 700 - 546

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

SAMPLE VOL: NOMINAL 12  
DECREASE 5  
INCREASE 25R1 VOLUME: 240  
R2 VOLUME: 0  
R3 VOLUME: 60  
R4 VOLUME: 0

ABS LIMIT: 10000 - INC

PROZONE LIMIT: 0 - LOWER

CALIB METHOD: LINEAR(PPOINT: 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 - 13

**Analyzer: Hitachi 911/912**

Application: **CALCIUM** - Code CA 0305 / 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 APP. CODE: 301 - 400 (choose in this interval)

WAVELENGTHS: 700 - 570

ASSAY: 1POINT TIME: 10 POINT: 25

SAMPLE VOL: NOMINAL 5  
DECREASE 3  
INCREASE 12

R1 VOLUME: 150  
R2 VOLUME: 150  
R3 VOLUME: 0  
R4 VOLUME: 0

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

CALIB METHOD: LINEAR(PPOINT: 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 0100 / 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: AX APP. CODE: 301 - 400 (choose in this interval)

WAVELENGTHS: 700 - 660

ASSAY: 1POINT TIME: 10 POINT: 20

SAMPLE VOL: NOMINAL 3  
DECREASE 2  
INCREASE 8

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

**Analyzer: Hitachi 911/912**

Application: **CHOLESTEROL FL** - Codes CT F100 / F400 / 100F / 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: 25

SAMPLE VOL: NOMINAL 3  
DECREASE 2  
INCREASE 8

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: 140 - 200  
CLASS 1 TECHNICAL RANGE: 0 - 700

**Analyzer: Hitachi 911/912**Application: **HDL direct FL-** Code HD F080 / F245 / F400 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: 2 POINT END TIME: 10 POINT: 15 - 31

SAMPLE VOL: NOMINAL 3  
DECREASE 2  
INCREASE 8

R1 VOLUME: 270

R2 VOLUME: 0

R3 VOLUME: 90

R4 VOLUME: 0

ABS LIMIT: 10000 - INC

PROZONE LIMIT: 0 - LOWER

CALIB METHOD: LINEAR(PPOINT: 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 - 220



**Analyzer: Hitachi 911/912**Application: **LDL direct FL**- Code DL F080 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: LDLC APP. CODE: 301 - 400 (choose in this interval)

WAVELENGTHS: 700 - 600

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

SAMPLE VOL: NOMINAL 3  
DECREASE 2  
INCREASE 8

R1 VOLUME: 270

R2 VOLUME: 0

R3 VOLUME: 90

R4 VOLUME: 0

ABS LIMIT: 10000 - INC

PROZONE LIMIT: 0 - LOWER

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

SD LIMIT: 0.250

DUPLICATE LIMIT: 5% 10 Abs

SENSITIVITY LIMIT:

EXPECTED VALUE: 76 - 218

CLASS 1 TECHNICAL RANGE: 0 - 400

**Analyzer: Hitachi 911/912**Application: **CHOLINESTERASE FL (DGKC)** - Codes CH F096 / 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 APP. CODE: 301 - 400 (choose in this interval)

WAVELENGTHS: 700 - 415

ASSAY: RATE A TIME: 10 POINT: 25 - 32

SAMPLE VOL: NOMINAL 5  
DECREASE 3  
INCREASE 10

R1 VOLUME: 250

R2 VOLUME: 0

R3 VOLUME: 50

R4 VOLUME: 0

ABS LIMIT: 6500 - DEC

PROZONE LIMIT: 0 - LOWER

CALIB METHOD: LINEAR(PPOINT: 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-NAC FL** - Codes CK F060 / 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: CPK APP. CODE: 301 - 400 (choose in this interval)

WAVELENGTHS: 700 - 340

ASSAY: RATE A TIME: 10 POINT: 23 - 31

SAMPLE VOL: NOMINAL 12  
DECREASE 5  
INCREASE 20

R1 VOLUME: 240  
R2 VOLUME: 0  
R3 VOLUME: 60  
R4 VOLUME: 0

ABS LIMIT: 15000 - INC  
PROZONE LIMIT: 0 - LOWER

CALIB METHOD: LINEAR(PPOINT: 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 - 2000

**Analyzer: Hitachi 911/912**

Application: **CK-MB FL** - Codes MB F060 / 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: 700 - 340

ASSAY: RATE A TIME: 10 POINT: 23 - 31

SAMPLE VOL: NOMINAL 12  
DECREASE 5  
INCREASE 20

R1 VOLUME: 240  
R2 VOLUME: 0  
R3 VOLUME: 60  
R4 VOLUME: 0

ABS LIMIT: 15000 - INC  
PROZONE LIMIT: 0 - LOWER

CALIB METHOD: LINEAR(PPOINT: 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 - 2000

**Analyzer: Hitachi 911/912**

Application: **COPPER** - Code CU 0100 CH  
Preparation: R1 - MIX REAGENT A + REAGENT B AS INDICATED IN INSERT SHEET  
Storage: DO NOT REFRIGERATE!  
Stability: 2 WEEKS

**PROGRAM**

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

WAVELENGTHS: 700 - 600

ASSAY: 1POINT TIME: 10 POINT: 31

SAMPLE VOL: NOMINAL 20  
DECREASE 10  
INCREASE 30

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

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

CALIB METHOD: LINEAR(PPOINT: 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** - Codes CR 0500 / 1000 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: 570 - 505

ASSAY: 2 POINT RATE TIME: 10 POINT: 19 - 23

SAMPLE VOL: NOMINAL 25  
DECREASE 15  
INCREASE 50

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 - 20

**Analyzer: Hitachi 911/912**Application: **CREATININE-E FL** - Codes CE F125 / F375 / F600 CH

Preparation: R1 - USE LIQUID READY TO USE REAGENT A

R2 - USE LIQUID READY TO USE REAGENT B

Storage: REFRIGERATE AT 2-8°C

Stability: AS INDICATED IN THE LABEL

**PROGRAM**

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

WAVELENGTHS: 700 - 546

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

SAMPLE VOL: NOMINAL 5  
DECREASE 2  
INCREASE 15

R1 VOLUME: 240

R2 VOLUME: 0

R3 VOLUME: 60

R4 VOLUME: 0

ABS LIMIT: 10000 - INC

PROZONE LIMIT: 0 - LOWER

CALIB METHOD: LINEAR(PPOINT: 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 - 50

**Analyzer: Hitachi 911/912**

Application: **CRP FL** - Code RP 0090 CH  
Preparation: R1 - USE LIQUID READY TO USE REAGENT A  
R2 - USE LIQUID READY TO USE REAGENT B  
Storage: REFRIGERATE AT 2-8°C  
Stability: AS INDICATED IN THE LABEL

**PROGRAM**

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

WAVELENGTHS: 340

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

SAMPLE VOL: NOMINAL 11  
DECREASE 5  
INCREASE 20

R1 VOLUME: 200  
R2 VOLUME: 0  
R3 VOLUME: 25  
R4 VOLUME: 0

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

CALIB METHOD: LOGIT-LOG (5p) (POINT: 6 - SPAN: 6 - WEIGHT: 0)

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

EXPECTED VALUE: 0 - 5  
CLASS 1 TECHNICAL RANGE: 0 - 200



**Analyzer: Hitachi 911/912**Application: **GAMMA-GT FL** - Codes GT F080 / 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 APP. CODE: 301 - 400 (choose in this interval)

WAVELENGTHS: 700 - 415

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: 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 - 800

**Analyzer: Hitachi 911/912**Application: **GLUCOSE FL** - Codes GL F400 / 100F / 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

SAMPLE VOL: NOMINAL 3  
DECREASE 2  
INCREASE 8R1 VOLUME: 300  
R2 VOLUME: 0  
R3 VOLUME: 0  
R4 VOLUME: 0

ABS LIMIT: 10000 - INC

PROZONE LIMIT: 0 - LOWER

CALIB METHOD: LINEAR(PPOINT: 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: 2 POINT END TIME: 10 POINT: 15 - 31

SAMPLE VOL: NOMINAL 3  
DECREASE 2  
INCREASE 8

R1 VOLUME: 240  
R2 VOLUME: 0  
R3 VOLUME: 60  
R4 VOLUME: 0

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

CALIB METHOD: LINEAR(PPOINT: 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 - 700

**Analyzer: Hitachi 911/912**Application: **GOT/AST FL** - Codes GO F080 / 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: 700 - 340

ASSAY: RATE A TIME: 10 POINT: 20 - 30

SAMPLE VOL: NOMINAL 25  
DECREASE 10  
INCREASE 40

R1 VOLUME: 200

R2 VOLUME: 0

R3 VOLUME: 50

R4 VOLUME: 0

ABS LIMIT: 6500 - 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 F080 / 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: 700 - 340

ASSAY: RATE A TIME: 10 POINT: 20 - 30

SAMPLE VOL: NOMINAL 25  
DECREASE 10  
INCREASE 40

R1 VOLUME: 200

R2 VOLUME: 0

R3 VOLUME: 50

R4 VOLUME: 0

ABS LIMIT: 6500 - 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: **IgA FL** - Codes GA 0050 / 0100 CH  
Preparation: R1 - USE LIQUID READY TO USE REAGENT A  
R2 - USE LIQUID READY TO USE REAGENT B  
Storage: REFRIGERATE AT 2-8°C  
Stability: AS INDICATED IN THE LABEL

**PROGRAM**

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

WAVELENGTHS: 600

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

SAMPLE VOL: NOMINAL 2  
DECREASE 2  
INCREASE 10

R1 VOLUME: 240  
R2 VOLUME: 0  
R3 VOLUME: 60  
R4 VOLUME: 0

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

CALIB METHOD: LOGIT-LOG (5p) (POINT: 6 - SPAN: 6 - WEIGHT: 0)

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

EXPECTED VALUE: 0 - 4  
CLASS 1 TECHNICAL RANGE: 0 - 6

**Analyzer: Hitachi 911/912**

Application: **IgG FL** - Codes GG 0050 / 0100 CH  
Preparation: R1 - USE LIQUID READY TO USE REAGENT A  
R2 - USE LIQUID READY TO USE REAGENT B  
Storage: REFRIGERATE AT 2-8°C  
Stability: AS INDICATED IN THE LABEL

**PROGRAM**

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

WAVELENGTHS: 600

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

SAMPLE VOL: NOMINAL 3  
DECREASE 2  
INCREASE 10

R1 VOLUME: 240  
R2 VOLUME: 0  
R3 VOLUME: 60  
R4 VOLUME: 0

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

CALIB METHOD: LOGIT-LOG (5p) (POINT: 6 - SPAN: 6 - WEIGHT: 0)

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

EXPECTED VALUE: 0 - 16  
CLASS 1 TECHNICAL RANGE: 0 - 27

**Analyzer: Hitachi 911/912**

Application: **IgM FL** - Codes GM 0050 / 0100 CH  
Preparation: R1 - USE LIQUID READY TO USE REAGENT A  
R2 - USE LIQUID READY TO USE REAGENT B  
Storage: REFRIGERATE AT 2-8°C  
Stability: AS INDICATED IN THE LABEL

**PROGRAM**

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

WAVELENGTHS: 340

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

SAMPLE VOL: NOMINAL 3  
DECREASE 2  
INCREASE 10

R1 VOLUME: 240  
R2 VOLUME: 0  
R3 VOLUME: 60  
R4 VOLUME: 0

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

CALIB METHOD: LOGIT-LOG (5p) (POINT: 6 - SPAN: 6 - WEIGHT: 0)

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

EXPECTED VALUE: 0 - 2.5  
CLASS 1 TECHNICAL RANGE: 0 - 3.6



**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 (preparation: read insert sheet)

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

SAMPLE VOL: NOMINAL 40  
DECREASE 20  
INCREASE 50

R1 VOLUME: 160

R2 VOLUME: 0

R3 VOLUME: 40

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 F060 / 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 APP. CODE: 301 - 400 (choose in this interval)

WAVELENGTHS: 700 - 340

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

SAMPLE VOL: NOMINAL 3  
DECREASE 2  
INCREASE 10

R1 VOLUME: 300  
R2 VOLUME: 0  
R3 VOLUME: 75  
R4 VOLUME: 0

ABS LIMIT: 6500 - 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: **LIPASE FL** - Codes LP F060 / F125 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: LIP APP. CODE: 301 - 400 (choose in this interval)

WAVELENGTHS: 700 - 570

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

SAMPLE VOL: NOMINAL 4  
DECREASE 2  
INCREASE 10

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 - 60  
CLASS 1 TECHNICAL RANGE: 0 - 300

**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: 505

ASSAY: 1POINT TIME: 10 POINT: 31

SAMPLE VOL: NOMINAL 3  
DECREASE 2  
INCREASE 10

R1 VOLUME: 150  
R2 VOLUME: 0  
R3 VOLUME: 150  
R4 VOLUME: 0

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

CALIB METHOD: LINEAR(PPOINT: 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 - 8.0

**Analyzer: Hitachi 911/912**Application: **MAGNESIUM XL** - Codes MX 0300 / 0500 CH

Preparation: R1 - LIQUID READY TO USE SINGLE REAGENT

Storage: REFRIGERATE AT 2-8°C

Stability: AS INDICATED IN THE LABEL

**PROGRAM**

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

WAVELENGTHS: 700 - 546

ASSAY: 1POINT TIME: 10 POINT: 25

SAMPLE VOL: NOMINAL 3  
DECREASE 2  
INCREASE 6R1 VOLUME: 300  
R2 VOLUME: 0  
R3 VOLUME: 0  
R4 VOLUME: 0

ABS LIMIT: 10000 - INC

PROZONE LIMIT: 0 - LOWER

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

SD LIMIT: 0.250

DUPLICATE LIMIT: 5% 10 Abs

SENSITIVITY LIMIT:

EXPECTED VALUE: 1.30 - 2.10

CLASS 1 TECHNICAL RANGE: 0 - 6

**Analyzer: Hitachi 911/912**

Application: **PHOSPHORUS** - Code PH 0100 / 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: 700 - 340

ASSAY: 1POINT TIME: 10 POINT: 31

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(PPOINT: 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 - 20

**Analyzer: Hitachi 911/912**

Application: **PROTEINS HS** - Code HS 0100 / 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

SAMPLE VOL: NOMINAL 2  
DECREASE 2  
INCREASE 10

R1 VOLUME: 350  
R2 VOLUME: 0  
R3 VOLUME: 0  
R4 VOLUME: 0

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

CALIB METHOD: LINEAR(PPOINT: 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 0100 / 0500 / 1000 / 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: 300  
R2 VOLUME: 0  
R3 VOLUME: 0  
R4 VOLUME: 0

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

CALIB METHOD: LINEAR(PPOINT: 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: **TRANSFERRIN FL** - Codes TF 0050 / 0100 CH

Preparation: R1 - USE LIQUID READY TO USE REAGENT A

R2 - USE LIQUID READY TO USE REAGENT B

Storage: REFRIGERATE AT 2-8°C

Stability: AS INDICATED IN THE LABEL

**PROGRAM**

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

WAVELENGTHS: 505

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

SAMPLE VOL: NOMINAL 2  
DECREASE 2  
INCREASE 10

R1 VOLUME: 240

R2 VOLUME: 0

R3 VOLUME: 60

R4 VOLUME: 0

ABS LIMIT: 10000 - INC

PROZONE LIMIT: 0 - LOWER

CALIB METHOD: LOGIT-LOG (5p) (POINT: 6 - SPAN: 6 - WEIGHT: 0)

SD LIMIT: 0.250

DUPLICATE LIMIT: 5% 10 Abs

SENSITIVITY LIMIT:

EXPECTED VALUE: 1 - 4

CLASS 1 TECHNICAL RANGE: 0 - 8.5

**Analyzer: Hitachi 911/912**

Application: **TRIGLYCERIDES FL** - Code TR F100 / F400 / 100F / 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 - 546

ASSAY: 1POINT TIME: 10 POINT: 20

SAMPLE VOL: NOMINAL 3  
DECREASE 2  
INCREASE 8

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

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

CALIB METHOD: LINEAR(PPOINT: 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 911/912**Application: **UREA UV FL** - Codes AZ F080 / 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 APP. CODE: 301 - 400 (choose in this interval)

WAVELENGTHS: 700 - 340

ASSAY: 2POINTS RATE TIME: 10 POINT: 19 - 23

SAMPLE VOL: NOMINAL 3  
DECREASE 2  
INCREASE 8

R1 VOLUME: 240

R2 VOLUME: 0

R3 VOLUME: 60

R4 VOLUME: 0

ABS LIMIT: 6500 - DEC

PROZONE LIMIT: 0 - LOWER

CALIB METHOD: LINEAR(PPOINT: 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: **UREA COLOR FL** - Codes UC F400 / 100F CH  
Preparation: R1 - MIX REAGENT A1 + REAGENT A2 AS INDICATED IN INSERT SHEET  
R2 - INSTALL LIQUID READY TO USE REAGENT B  
Storage: REFRIGERATE AT 2-8°C  
Stability: AS INDICATED IN THE LABEL

**PROGRAM**

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

WAVELENGTHS: 600

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

SAMPLE VOL: NOMINAL 2  
DECREASE 2  
INCREASE 10

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

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

CALIB METHOD: LINEAR(PPOINT: 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** - Codes AU F100 / F250 / 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: 20

SAMPLE VOL: NOMINAL 8  
DECREASE 3  
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(PPOINT: 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 - 30

**Analyzer: Hitachi 911/912**Application: **URIC ACID AOX FL** - Codes AX F100 / F250 / F600 / 100F 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: AOX APP. CODE: 301 - 400 (choose in this interval)

WAVELENGTHS: 700 - 546

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

SAMPLE VOL: NOMINAL 12  
DECREASE 10  
INCREASE 30

R1 VOLUME: 240

R2 VOLUME: 0

R3 VOLUME: 60

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 - 35

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

WAVELENGTHS: 700 - 600

ASSAY: 1POINT TIME: 10 POINT: 31

SAMPLE VOL:	NOMINAL	15
	DECREASE	10
	INCREASE	30

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

ABS LIMIT: 10000 - INC

PROZONE LIMIT: 0 - LOWER

CALIB METHOD: LINEAR(PPOINT: 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