

# Chimica clinica

## programmazione

### Hycel Lisa<sup>®</sup>

### (Mascott)

#### Attenzione!

I programmi forniti devono essere utilizzati esclusivamente come linee guida. Utilizzare sempre sieri di controllo di qualità così come una corretta pratica di laboratorio per verificare la corretta messa a punto del reagente sullo strumento. Verificare i fattori strumentali.

L'azienda non può essere ritenuta responsabile per una non corretta programmazione dello strumento.

**Analyzer: HYCEL Lisa**Applicazione: **ACIDO URICO T FL** - Codice AU F402 CH

Preparazione: COME DA METODICA MANUALE

Conservazione: REFRIGERATO A 2-8°C

**PROGRAMMA**

ANALYSIS NAME	:	URIC ACID
SHORT NAME	:	UA
UNIT	:	mg/dl
MEASUREMENT TYPE	:	PF STD
WAVELENGTH	:	560
STD=0 IN CURVE	:	NO
NUMBER OF STANDARDS	:	3
STD 1 POSITION	:	DEFINE
STD 1 VALUE	:	DEFINE
STD 2 POSITION	:	DEFINE
STD 2 VALUE	:	DEFINE
STD 3 POSITION	:	DEFINE
STD 3 VALUE	:	DEFINE
REPLIC. STD/CTRLS	:	3
CONTROL VALUE	:	DEFINE
CONTROL POSITION	:	DEFINE
LIM. ACPT. CTRL. --+	:	DEFINE
WAITING CYCLES	:	0
TO READING	:	NO
NUMBER OF MEASUREMENTS	:	14
REAGENT 1 VOLUME	:	500
REAGENT 1 DILUENT	:	10
REAGENT 1 POSITION	:	DEFINE
REAGENT 2 VOLUME	:	0
REAGENT 2 DILUENT	:	0
REAGENT 2 POSITION	:	0
SAMPLE VOLUME	:	15
DILUTION RATE	:	3
WASH CYCLES	:	3
UPPER NORMAL VALUE	:	7.0
LOWER NORMAL VALUE	:	3.5
LINEARITY LIMIT	:	25
BLANK LOWER LIMIT	:	0
BLANK UPPER LIMIT	:	700

**Analyzer: HYCEL Lisa**

Applicazione: **ALBUMINA** - Codice BC 0500 CH  
Preparazione: **MONOREATTIVO LIQUIDO PRONTO PER L'USO**  
Conservazione: **TEMPERATURA AMBIENTE (2-30°C)**

**PROGRAMMA**

ANALYSIS NAME	:	ALBUMIN
SHORT NAME	:	ALB
UNIT	:	g/dl
MEASUREMENT TYPE	:	PF STD
WAVELENGTH	:	600
STD=0 IN CURVE	:	NO
NUMBER OF STANDARDS	:	3
STD 1 POSITION	:	DEFINE
STD 1 VALUE	:	DEFINE
STD 2 POSITION	:	DEFINE
STD 2 VALUE	:	DEFINE
STD 3 POSITION	:	DEFINE
STD 3 VALUE	:	DEFINE
REPLIC. STD/CTRLS	:	3
CONTROL VALUE	:	DEFINE
CONTROL POSITION	:	DEFINE
LIM. ACCPT. CTRL. --+	:	DEFINE
WAITING CYCLES	:	0
TO READING	:	NO
NUMBER OF MEASUREMENTS	:	6
REAGENT 1 VOLUME	:	500
REAGENT 1 DILUENT	:	10
REAGENT 1 POSITION	:	DEFINE
REAGENT 2 VOLUME	:	0
REAGENT 2 DILUENT	:	0
REAGENT 2 POSITION	:	0
SAMPLE VOLUME	:	3
DILUTION RATE	:	3
WASH CYCLES	:	3
UPPER NORMAL VALUE	:	5.1
LOWER NORMAL VALUE	:	3.8
LINEARITY LIMIT	:	7
BLANK LOWER LIMIT	:	0
BLANK UPPER LIMIT	:	600

**Analyzer: HYCEL Lisa**

Applicazione: **AMILASI FL** - Codici AM F120 / F245 CH  
Preparazione: MONOREATTIVO LIQUIDO PRONTO PER L'USO  
Conservazione: REFRIGERATO A 2-8°C

**PROGRAMMA**

ANALYSIS NAME	:	AMYLASE
SHORT NAME	:	AMY
UNIT	:	UL
MEASUREMENT TYPE	:	KINETIC
WAVELENGTH	:	405
EPSILON	:	530
REPLIC. STD/CTRLS	:	3
CONTROL VALUE	:	DEFINE
CONTROL POSITION	:	DEFINE
LIM. ACCPT. CTRL. →	:	DEFINE
WAITING CYCLES	:	3
NUMBER OF MEASUREMENTS	:	6
REAGENT 1 VOLUME	:	400
REAGENT 1 DILUENT	:	10
REAGENT 1 POSITION	:	DEFINE
REAGENT 2 VOLUME	:	0
REAGENT 2 DILUENT	:	0
REAGENT 2 POSITION	:	0
SAMPLE VOLUME	:	10
DILUTION RATE	:	5
WASH CYCLES	:	3
UPPER NORMAL VALUE	:	90
LOWER NORMAL VALUE	:	0
LINEARITY LIMIT	:	2000
BLANK LOWER LIMIT	:	0
BLANK UPPER LIMIT	:	400
BLANK ACCEPT LIMIT	:	10
LIMIT DOT1-DOTO	:	250

**Analyzer: HYCEL Lisa**

Applicazione: **AMILASI EPS FL (IFCC)** - Codice EA F245 CH  
Preparazione: COME DA METODICA MANUALE (STARTER CAMPIONE)  
Conservazione: REFRIGERATO A 2-8°C

### PROGRAMMA

ANALYSIS NAME	:	AMYLASE
SHORT NAME	:	AMY
UNIT	:	UL
MEASUREMENT TYPE	:	KINETIC
WAVELENGTH	:	405
EPSILON	:	910
REPLIC. STD/CTRLS	:	3
CONTROL VALUE	:	DEFINE
CONTROL POSITION	:	DEFINE
LIM. ACCPT. CTRL. →	:	DEFINE
WAITING CYCLES	:	3
NUMBER OF MEASUREMENTS	:	6
REAGENT 1 VOLUME	:	400
REAGENT 1 DILUENT	:	10
REAGENT 1 POSITION	:	DEFINE
REAGENT 2 VOLUME	:	0
REAGENT 2 DILUENT	:	0
REAGENT 2 POSITION	:	0
SAMPLE VOLUME	:	10
DILUTION RATE	:	5
WASH CYCLES	:	3
UPPER NORMAL VALUE	:	100
LOWER NORMAL VALUE	:	28
LINEARITY LIMIT	:	1500
BLANK LOWER LIMIT	:	0
BLANK UPPER LIMIT	:	400
BLANK ACCEPT LIMIT	:	10
LIMIT DOT1-DOTO	:	250

**Analyzer: HYCEL Lisa**Applicazione: **BILIRUBINA TOTALE** - Codice BT 0360 CHPreparazione: "REAGENT 1": UTILIZZARE IL REAGENTE A LIQUIDO PRONTO PER L'USO  
"REAGENT 2": MESCOLARE 30 PARTI DI REAGENTE B1 CON UNA PARTE DI REAGENTE B2. PREPARARE GIORNALMENTE.

Conservazione: REFRIGERATO A 2-8°C

**PROGRAMMA**

ANALYSIS NAME	:	BILIRUBIN T
SHORT NAME	:	BIT
UNIT	:	mg/dl
MEASUREMENT TYPE	:	PF STD
WAVELENGTH	:	500
STD=0 IN CURVE	:	YES
NUMBER OF STANDARDS	:	3
STD 1 POSITION	:	DEFINE
STD 1 VALUE	:	DEFINE
STD 2 POSITION	:	DEFINE
STD 2 VALUE	:	DEFINE
STD 3 POSITION	:	DEFINE
STD 3 VALUE	:	DEFINE
REPLIC. STD/CTRLS	:	3
CONTROL VALUE	:	DEFINE
CONTROL POSITION	:	DEFINE
LIM. ACPT. CTRL. --+	:	DEFINE
WAITING CYCLES	:	0
TO READING	:	YES
NUMBER OF MEASUREMENTS	:	13
REAGENT 1 VOLUME	:	400
REAGENT 1 DILUENT	:	10
REAGENT 1 POSITION	:	DEFINE
REAGENT 2 VOLUME	:	90
REAGENT 2 DILUENT	:	10
REAGENT 2 POSITION	:	0
SAMPLE VOLUME	:	30
DILUTION RATE	:	3
WASH CYCLES	:	3
UPPER NORMAL VALUE	:	1.2
LOWER NORMAL VALUE	:	0.1
LINEARITY LIMIT	:	20
BLANK LOWER LIMIT	:	0
BLANK UPPER LIMIT	:	300

**Analyzer: HYCEL Lisa**Applicazione: **BILIRUBINA DIRETTA** - Codice BD 0480CHPreparazione: "REAGENT 1": UTILIZZARE IL REAGENTE A LIQUIDO PRONTO PER L'USO  
"REAGENT 2": MESCOLARE 30 PARTI DI REAGENTE B1 CON UNA PARTE DI REAGENTE B2. PREPARARE GIORNALMENTE.

Conservazione: REFRIGERATO A 2-8°C

**PROGRAMMA**

ANALYSIS NAME	:	BILIRUBIN D
SHORT NAME	:	BID
UNIT	:	mg/dl
MEASUREMENT TYPE	:	PF STD
WAVELENGTH	:	560
STD=0 IN CURVE	:	YES
NUMBER OF STANDARDS	:	3
STD 1 POSITION	:	DEFINE
STD 1 VALUE	:	DEFINE
STD 2 POSITION	:	DEFINE
STD 2 VALUE	:	DEFINE
STD 3 POSITION	:	DEFINE
STD 3 VALUE	:	DEFINE
REPLIC. STD/CTRLS	:	3
CONTROL VALUE	:	DEFINE
CONTROL POSITION	:	DEFINE
LIM. ACPT. CTRL. --+	:	DEFINE
WAITING CYCLES	:	0
TO READING	:	YES
NUMBER OF MEASUREMENTS	:	13
REAGENT 1 VOLUME	:	400
REAGENT 1 DILUENT	:	10
REAGENT 1 POSITION	:	DEFINE
REAGENT 2 VOLUME	:	90
REAGENT 2 DILUENT	:	10
REAGENT 2 POSITION	:	0
SAMPLE VOLUME	:	30
DILUTION RATE	:	3
WASH CYCLES	:	3
UPPER NORMAL VALUE	:	0.2
LOWER NORMAL VALUE	:	0.0
LINEARITY LIMIT	:	20
BLANK LOWER LIMIT	:	0
BLANK UPPER LIMIT	:	300

**Analyzer: HYCEL Lisa**

Applicazione: **CALCIO** - Codice CA 0505 CH  
Preparazione: COME DA METODICA MANUALE  
Conservazione: REFRIGERATO A 2-8°C

**PROGRAMMA**

ANALYSIS NAME	:	CALCIUM
SHORT NAME	:	CA
UNIT	:	mg/dl
MEASUREMENT TYPE	:	PF STD
WAVELENGTH	:	560
STD=0 IN CURVE	:	NO
NUMBER OF STANDARDS	:	3
STD 1 POSITION	:	DEFINE
STD 1 VALUE	:	DEFINE
STD 2 POSITION	:	DEFINE
STD 2 VALUE	:	DEFINE
STD 3 POSITION	:	DEFINE
STD 3 VALUE	:	DEFINE
REPLIC. STD/CTRLS	:	3
CONTROL VALUE	:	DEFINE
CONTROL POSITION	:	DEFINE
LIM. ACCT. CTRL. --+	:	DEFINE
WAITING CYCLES	:	0
TO READING	:	NO
NUMBER OF MEASUREMENTS	:	6
REAGENT 1 VOLUME	:	500
REAGENT 1 DILUENT	:	10
REAGENT 1 POSITION	:	DEFINE
REAGENT 2 VOLUME	:	0
REAGENT 2 DILUENT	:	0
REAGENT 2 POSITION	:	0
SAMPLE VOLUME	:	10
DILUTION RATE	:	3
WASH CYCLES	:	3
UPPER NORMAL VALUE	:	10.8
LOWER NORMAL VALUE	:	8.8
LINEARITY LIMIT	:	20
BLANK LOWER LIMIT	:	0
BLANK UPPER LIMIT	:	700

**Analyzer: HYCEL Lisa**Applicazione: **CALCIO ASX** - Codice CA 0500 CHPreparazione: **MONOREATTIVO LIQUIDO PRONTO PER L'USO**Conservazione: **TEMPERATURA AMBIENTE (2-30°C)****PROGRAMMA**

ANALYSIS NAME	:	CALCIUM
SHORT NAME	:	CA
UNIT	:	mg/dl
MEASUREMENT TYPE	:	PF STD
WAVELENGTH	:	620
STD=0 IN CURVE	:	NO
NUMBER OF STANDARDS	:	3
STD 1 POSITION	:	DEFINE
STD 1 VALUE	:	DEFINE
STD 2 POSITION	:	DEFINE
STD 2 VALUE	:	DEFINE
STD 3 POSITION	:	DEFINE
STD 3 VALUE	:	DEFINE
REPLIC. STD/CTRLS	:	3
CONTROL VALUE	:	DEFINE
CONTROL POSITION	:	DEFINE
LIM. ACPT. CTRL. --+	:	DEFINE
WAITING CYCLES	:	0
TO READING	:	NO
NUMBER OF MEASUREMENTS	:	6
REAGENT 1 VOLUME	:	500
REAGENT 1 DILUENT	:	10
REAGENT 1 POSITION	:	DEFINE
REAGENT 2 VOLUME	:	0
REAGENT 2 DILUENT	:	0
REAGENT 2 POSITION	:	0
SAMPLE VOLUME	:	5
DILUTION RATE	:	3
WASH CYCLES	:	3
UPPER NORMAL VALUE	:	10.8
LOWER NORMAL VALUE	:	8.8
LINEARITY LIMIT	:	20
BLANK LOWER LIMIT	:	0
BLANK UPPER LIMIT	:	700

**Analyzer: HYCEL Lisa**

Applicazione: **CK-NAC FL** - Codici CK F120 / F245 CH

Preparazione: COME DA METODICA MANUALE (STARTER CAMPIONE)

Conservazione: REFRIGERATO A 2-8°C

### PROGRAMMA

ANALYSIS NAME	:	CKNAC
SHORT NAME	:	CK
UNIT	:	UL
MEASUREMENT TYPE	:	KINETIC
WAVELENGTH	:	340
EPSILON	:	622
REPLIC. STD/CTRLS	:	3
CONTROL VALUE	:	DEFINE
CONTROL POSITION	:	DEFINE
LIM. ACCPT. CTRL. →	:	DEFINE
WAITING CYCLES	:	5
NUMBER OF MEASUREMENTS	:	6
REAGENT 1 VOLUME	:	400
REAGENT 1 DILUENT	:	10
REAGENT 1 POSITION	:	DEFINE
REAGENT 2 VOLUME	:	0
REAGENT 2 DILUENT	:	0
REAGENT 2 POSITION	:	0
SAMPLE VOLUME	:	16
DILUTION RATE	:	10
WASH CYCLES	:	3
UPPER NORMAL VALUE	:	190
LOWER NORMAL VALUE	:	15
LINEARITY LIMIT	:	1600
BLANK LOWER LIMIT	:	0
BLANK UPPER LIMIT	:	400
BLANK ACCEPT LIMIT	:	20
LIMIT DOT1-DOTO	:	500

**Analyzer: HYCEL Lisa**Applicazione: **CK-MB FL** - Codici MB F120 CH

Preparazione: COME DA METODICA MANUALE (STARTER CAMPIONE)

Conservazione: REFRIGERATO A 2-8°C

**PROGRAMMA**

ANALYSIS NAME	:	CKMB
SHORT NAME	:	MB
UNIT	:	UL
MEASUREMENT TYPE	:	KINETIC
WAVELENGTH	:	340
EPSILON	:	622
REPLIC. STD/CTRLS	:	3
CONTROL VALUE	:	DEFINE
CONTROL POSITION	:	DEFINE
LIM. ACCPT. CTRL. →	:	DEFINE
WAITING CYCLES	:	6
NUMBER OF MEASUREMENTS	:	6
REAGENT 1 VOLUME	:	400
REAGENT 1 DILUENT	:	10
REAGENT 1 POSITION	:	DEFINE
REAGENT 2 VOLUME	:	0
REAGENT 2 DILUENT	:	0
REAGENT 2 POSITION	:	0
SAMPLE VOLUME	:	16
DILUTION RATE	:	10
WASH CYCLES	:	3
UPPER NORMAL VALUE	:	24
LOWER NORMAL VALUE	:	0
LINEARITY LIMIT	:	1600
BLANK LOWER LIMIT	:	0
BLANK UPPER LIMIT	:	400
BLANK ACCEPT LIMIT	:	20
LIMIT DOT1-DOTO	:	500

**Analyzer: HYCEL Lisa**Applicazione: **CLORO** - Codice CL 0500 CHPreparazione: **MONOREATTIVO LIQUIDO PRONTO PER L'USO**Conservazione: **TEMPERATURA AMBIENTE (2-30°C)****PROGRAMMA**

ANALYSIS NAME	:	CHLORIDE
SHORT NAME	:	CL
UNIT	:	mEq/l
MEASUREMENT TYPE	:	PF STD
WAVELENGTH	:	500
STD=0 IN CURVE	:	NO
NUMBER OF STANDARDS	:	3
STD 1 POSITION	:	DEFINE
STD 1 VALUE	:	DEFINE
STD 2 POSITION	:	DEFINE
STD 2 VALUE	:	DEFINE
STD 3 POSITION	:	DEFINE
STD 3 VALUE	:	DEFINE
REPLIC. STD/CTRLS	:	3
CONTROL VALUE	:	DEFINE
CONTROL POSITION	:	DEFINE
LIM. ACCT. CTRL. --+	:	DEFINE
WAITING CYCLES	:	0
TO READING	:	NO
NUMBER OF MEASUREMENTS	:	14
REAGENT 1 VOLUME	:	500
REAGENT 1 DILUENT	:	10
REAGENT 1 POSITION	:	DEFINE
REAGENT 2 VOLUME	:	0
REAGENT 2 DILUENT	:	0
REAGENT 2 POSITION	:	0
SAMPLE VOLUME	:	3
DILUTION RATE	:	3
WASH CYCLES	:	3
UPPER NORMAL VALUE	:	110
LOWER NORMAL VALUE	:	98
LINEARITY LIMIT	:	200
BLANK LOWER LIMIT	:	0
BLANK UPPER LIMIT	:	700

**Analyzer: HYCEL Lisa**Applicazione: **COLESTEROLO FL** - Codice CT F400 / 150F CHPreparazione: **MONOREATTIVO LIQUIDO PRONTO PER L'USO**Conservazione: **REFRIGERATO A 2-8°C****PROGRAMMA**

ANALYSIS NAME	:	CHOLESTEROL
SHORT NAME	:	CHOL
UNIT	:	mg/dl
MEASUREMENT TYPE	:	PF STD
WAVELENGTH	:	500
STD=0 IN CURVE	:	NO
NUMBER OF STANDARDS	:	3
STD 1 POSITION	:	DEFINE
STD 1 VALUE	:	DEFINE
STD 2 POSITION	:	DEFINE
STD 2 VALUE	:	DEFINE
STD 3 POSITION	:	DEFINE
STD 3 VALUE	:	DEFINE
REPLIC. STD/CTRLS	:	3
CONTROL VALUE	:	DEFINE
CONTROL POSITION	:	DEFINE
LIM. ACCPT. CTRL. --+	:	DEFINE
WAITING CYCLES	:	0
TO READING	:	NO
NUMBER OF MEASUREMENTS	:	14
REAGENT 1 VOLUME	:	500
REAGENT 1 DILUENT	:	10
REAGENT 1 POSITION	:	DEFINE
REAGENT 2 VOLUME	:	0
REAGENT 2 DILUENT	:	0
REAGENT 2 POSITION	:	0
SAMPLE VOLUME	:	5
DILUTION RATE	:	3
WASH CYCLES	:	3
UPPER NORMAL VALUE	:	200
LOWER NORMAL VALUE	:	140
LINEARITY LIMIT	:	800
BLANK LOWER LIMIT	:	0
BLANK UPPER LIMIT	:	700

**Analyzer: HYCEL Lisa**

Applicazione: **HDL-DIRECT FL** - Codice HD F080 / F245 CH  
 Preparazione: REAGENTE A - INSTALLARE COME "REAGENT 1"  
 REAGENTE B - INSTALLARE COME "REAGENT 2"  
 Conservazione: REFRIGERATO A 2-8°C

**PROGRAMMA**

ANALYSIS NAME	:	HDL
SHORT NAME	:	HDL
UNIT	:	mg/dl
MEASUREMENT TYPE	:	PF STD
WAVELENGTH	:	600
STD=0 IN CURVE	:	NO
NUMBER OF STANDARDS	:	3
STD 1 POSITION	:	DEFINE
STD 1 VALUE	:	DEFINE
STD 2 POSITION	:	DEFINE
STD 2 VALUE	:	DEFINE
STD 3 POSITION	:	DEFINE
STD 3 VALUE	:	DEFINE
REPLIC. STD/CTRLS	:	3
CONTROL VALUE	:	DEFINE
CONTROL POSITION	:	DEFINE
LIM. ACCT. CTRL. --+	:	DEFINE
WAITING CYCLES	:	0
TO READING	:	YES
NUMBER OF MEASUREMENTS	:	13
REAGENT 1 VOLUME	:	300
REAGENT 1 DILUENT	:	10
REAGENT 1 POSITION	:	DEFINE
REAGENT 2 VOLUME	:	100
REAGENT 2 DILUENT	:	10
REAGENT 2 POSITION	:	DEFINE
SAMPLE VOLUME	:	4
DILUTION RATE	:	3
WASH CYCLES	:	3
UPPER NORMAL VALUE	:	79
LOWER NORMAL VALUE	:	35
LINEARITY LIMIT	:	250
BLANK LOWER LIMIT	:	0
BLANK UPPER LIMIT	:	500

**Analyzer: HYCEL Lisa**

Applicazione: **LDL-DIRECT FL** - Codice DL F080 CH  
Preparazione: REAGENTE A - INSTALLARE COME "REAGENT 1"  
REAGENTE B - INSTALLARE COME "REAGENT 2"  
Conservazione: REFRIGERATO A 2-8°C

**PROGRAMMA**

ANALYSIS NAME	:	LDL
SHORT NAME	:	LDL
UNIT	:	mg/dl
MEASUREMENT TYPE	:	PF STD
WAVELENGTH	:	600
STD=0 IN CURVE	:	NO
NUMBER OF STANDARDS	:	3
STD 1 POSITION	:	DEFINE
STD 1 VALUE	:	DEFINE
STD 2 POSITION	:	DEFINE
STD 2 VALUE	:	DEFINE
STD 3 POSITION	:	DEFINE
STD 3 VALUE	:	DEFINE
REPLIC. STD/CTRLS	:	3
CONTROL VALUE	:	DEFINE
CONTROL POSITION	:	DEFINE
LIM. ACPT. CTRL. --+	:	DEFINE
WAITING CYCLES	:	0
TO READING	:	YES
NUMBER OF MEASUREMENTS	:	13
REAGENT 1 VOLUME	:	300
REAGENT 1 DILUENT	:	10
REAGENT 1 POSITION	:	DEFINE
REAGENT 2 VOLUME	:	100
REAGENT 2 DILUENT	:	10
REAGENT 2 POSITION	:	DEFINE
SAMPLE VOLUME	:	4
DILUTION RATE	:	3
WASH CYCLES	:	3
UPPER NORMAL VALUE	:	218
LOWER NORMAL VALUE	:	76
LINEARITY LIMIT	:	400
BLANK LOWER LIMIT	:	0
BLANK UPPER LIMIT	:	500

**Analyzer: HYCEL Lisa**

Applicazione: **COLINESTERASI FL (DGKC)** - Codici CH F245 CH

Preparazione: REAGENTE A - INSTALLARE COME "REAGENT 1"

REAGENTE B - INSTALLARE COME "REAGENT 2"

Conservazione: REFRIGERATO A 2-8°C

### PROGRAMMA

ANALYSIS NAME	:	CHOLINESTERASE
SHORT NAME	:	CHE
UNIT	:	UL
MEASUREMENT TYPE	:	KINETIC
WAVELENGTH	:	405
EPSILON	:	-9270
REPLIC. STD/CTRLS	:	3
CONTROL VALUE	:	DEFINE
CONTROL POSITION	:	DEFINE
LIM. ACCPT. CTRL. →	:	DEFINE
WAITING CYCLES	:	3
NUMBER OF MEASUREMENTS	:	3
REAGENT 1 VOLUME	:	500
REAGENT 1 DILUENT	:	10
REAGENT 1 POSITION	:	DEFINE
REAGENT 2 VOLUME	:	0
REAGENT 2 DILUENT	:	0
REAGENT 2 POSITION	:	0
SAMPLE VOLUME	:	10
DILUTION RATE	:	5
WASH CYCLES	:	3
UPPER NORMAL VALUE	:	11200
LOWER NORMAL VALUE	:	5600
LINEARITY LIMIT	:	20000
BLANK LOWER LIMIT	:	700
BLANK UPPER LIMIT	:	2000
BLANK ACCEPT LIMIT	:	20
LIMIT DOT1-DOTO	:	0

**Analyzer: HYCEL Lisa**Applicazione: **CREATININA** - Codice CR 0500 CH

Preparazione: COME DA METODICA MANUALE

Conservazione: TEMPERATURA AMBIENTE (2-30°C)

**PROGRAMMA**

ANALYSIS NAME	:	CREATININE
SHORT NAME	:	CREA
UNIT	:	mg/dl
MEASUREMENT TYPE	:	PF STD
WAVELENGTH	:	500
STD=0 IN CURVE	:	NO
NUMBER OF STANDARDS	:	3
STD 1 POSITION	:	DEFINE
STD 1 VALUE	:	DEFINE
STD 2 POSITION	:	DEFINE
STD 2 VALUE	:	DEFINE
STD 3 POSITION	:	DEFINE
STD 3 VALUE	:	DEFINE
REPLIC. STD/CTRLS	:	3
CONTROL VALUE	:	DEFINE
CONTROL POSITION	:	DEFINE
LIM. ACCPT. CTRL. →	:	DEFINE
WAITING CYCLES	:	1
NUMBER OF MEASUREMENTS	:	5
REAGENT 1 VOLUME	:	300
REAGENT 1 DILUENT	:	10
REAGENT 1 POSITION	:	DEFINE
REAGENT 2 VOLUME	:	0
REAGENT 2 DILUENT	:	0
REAGENT 2 POSITION	:	0
SAMPLE VOLUME	:	30
DILUTION RATE	:	3
WASH CYCLES	:	3
UPPER NORMAL VALUE	:	1.2
LOWER NORMAL VALUE	:	0.5
LINEARITY LIMIT	:	12
BLANK LOWER LIMIT	:	0
BLANK UPPER LIMIT	:	400

**Analyzer: HYCEL Lisa**

Applicazione: **FERRO CRX** - Codici FE 0500 CH  
 Preparazione: **MONOREATTIVO LIQUIDO PRONTO PER L'USO**  
 Conservazione: **TEMPERATURA AMBIENTE (2-30°C)**

### PROGRAMMA

ANALYSIS NAME	:	IRON
SHORT NAME	:	IRON
UNIT	:	microg/l
MEASUREMENT TYPE	:	PF STD
WAVELENGTH	:	620
STD=0 IN CURVE	:	NO
NUMBER OF STANDARDS	:	3
STD 1 POSITION	:	DEFINE
STD 1 VALUE	:	DEFINE
STD 2 POSITION	:	DEFINE
STD 2 VALUE	:	DEFINE
STD 3 POSITION	:	DEFINE
STD 3 VALUE	:	DEFINE
REPLIC. STD/CTRLS	:	3
CONTROL VALUE	:	DEFINE
CONTROL POSITION	:	DEFINE
LIM. ACCT. CTRL. --+	:	DEFINE
WAITING CYCLES	:	0
TO READING	:	NO
NUMBER OF MEASUREMENTS	:	14
REAGENT 1 VOLUME	:	500
REAGENT 1 DILUENT	:	10
REAGENT 1 POSITION	:	DEFINE
REAGENT 2 VOLUME	:	0
REAGENT 2 DILUENT	:	0
REAGENT 2 POSITION	:	0
SAMPLE VOLUME	:	20
DILUTION RATE	:	3
WASH CYCLES	:	3
UPPER NORMAL VALUE	:	158
LOWER NORMAL VALUE	:	59
LINEARITY LIMIT	:	500
BLANK LOWER LIMIT	:	0
BLANK UPPER LIMIT	:	800

**Analyzer: HYCEL Lisa**Applicazione: **FERRO FZ** - Codice FE F245 / FE F400 CH

Preparazione: REAGENTE A - INSTALLARE COME "REAGENT 1"

REAGENTE B - PREPARARE COME INDICATO IN METODICA MANUALE  
ED INSTALLARE COME "REAGENT 2"

Conservazione: REFRIGERATO A 2-8°C

**PROGRAMMA**

ANALYSIS NAME	:	IRONFZ
SHORT NAME	:	IRON
UNIT	:	micro/dl
MEASUREMENT TYPE	:	PF STD
WAVELENGTH	:	560
STD=0 IN CURVE	:	YES
NUMBER OF STANDARDS	:	3
STD 1 POSITION	:	DEFINE
STD 1 VALUE	:	DEFINE
STD 2 POSITION	:	DEFINE
STD 2 VALUE	:	DEFINE
STD 3 POSITION	:	DEFINE
STD 3 VALUE	:	DEFINE
REPLIC. STD/CTRLS	:	3
CONTROL VALUE	:	DEFINE
CONTROL POSITION	:	DEFINE
LIM. ACPT. CTRL. --+	:	DEFINE
WAITING CYCLES	:	0
TO READING	:	YES
NUMBER OF MEASUREMENTS	:	13
REAGENT 1 VOLUME	:	400
REAGENT 1 DILUENT	:	10
REAGENT 1 POSITION	:	DEFINE
REAGENT 2 VOLUME	:	100
REAGENT 2 DILUENT	:	10
REAGENT 2 POSITION	:	0
SAMPLE VOLUME	:	30
DILUTION RATE	:	3
WASH CYCLES	:	3
UPPER NORMAL VALUE	:	158
LOWER NORMAL VALUE	:	59
LINEARITY LIMIT	:	1000
BLANK LOWER LIMIT	:	0
BLANK UPPER LIMIT	:	500

**Analyzer: HYCEL Lisa**

Applicazione: **FOSFATASI ACIDA TOTALE** - Codici AC 0120 TC

Preparazione: **MONOREATTIVO IN POLVERE. SEGUIRE LE MODALITA' DI PREPARAZIONE INDICATE NELLA METODICA MANUALE.**

Conservazione: **REFRIGERATO A 2-8°C**

### PROGRAMMA

ANALYSIS NAME	:	ACID PHOS
SHORT NAME	:	ACP
UNIT	:	UL
MEASUREMENT TYPE	:	KINETIC
WAVELENGTH	:	405
EPSILON	:	1290
REPLIC. STD/CTRLS	:	3
CONTROL VALUE	:	DEFINE
CONTROL POSITION	:	DEFINE
LIM. ACCPT. CTRL. →	:	DEFINE
WAITING CYCLES	:	6
NUMBER OF MEASUREMENTS	:	6
REAGENT 1 VOLUME	:	300
REAGENT 1 DILUENT	:	10
REAGENT 1 POSITION	:	DEFINE
REAGENT 2 VOLUME	:	0
REAGENT 2 DILUENT	:	0
REAGENT 2 POSITION	:	0
SAMPLE VOLUME	:	30
DILUTION RATE	:	3
WASH CYCLES	:	3
UPPER NORMAL VALUE	:	4.7
LOWER NORMAL VALUE	:	0.0
LINEARITY LIMIT	:	75
BLANK LOWER LIMIT	:	0
BLANK UPPER LIMIT	:	500
BLANK ACCEPT LIMIT	:	20
LIMIT DOT1-DOTO	:	100

**Analyzer: HYCEL Lisa**Applicazione: **FOSFATASI ALCALINA FL** - Codici AL F245 / F400 / F600 CH

Preparazione: COME DA METODICA MANUALE (STARTER CAMPIONE)

Conservazione: REFRIGERATO A 2-8°C

**PROGRAMMA**

ANALYSIS NAME	:	ALK PHOS
SHORT NAME	:	ALP
UNIT	:	UL
MEASUREMENT TYPE	:	KINETIC
WAVELENGTH	:	405
EPSILON	:	1300
REPLIC. STD/CTRLS	:	3
CONTROL VALUE	:	DEFINE
CONTROL POSITION	:	DEFINE
LIM. ACCPT. CTRL. →	:	DEFINE
WAITING CYCLES	:	3
NUMBER OF MEASUREMENTS	:	5
REAGENT 1 VOLUME	:	400
REAGENT 1 DILUENT	:	10
REAGENT 1 POSITION	:	DEFINE
REAGENT 2 VOLUME	:	0
REAGENT 2 DILUENT	:	0
REAGENT 2 POSITION	:	0
SAMPLE VOLUME	:	12
DILUTION RATE	:	10
WASH CYCLES	:	3
UPPER NORMAL VALUE	:	306
LOWER NORMAL VALUE	:	64
LINEARITY LIMIT	:	2000
BLANK LOWER LIMIT	:	0
BLANK UPPER LIMIT	:	700
BLANK ACCEPT LIMIT	:	20
LIMIT DOT1-DOTO	:	250

**Analyzer: HYCEL Lisa**

Applicazione: **FOSFORO** - Codice PH 0500 CH  
Preparazione: MONOREATTIVO LIQUIDO PRONTO PER L'USO  
Conservazione: REFRIGERATO A 2-8°C

**PROGRAMMA**

ANALYSIS NAME	:	PHOSPHORUS
SHORT NAME	:	PHOS
UNIT	:	mg/dl
MEASUREMENT TYPE	:	PF STD
WAVELENGTH	:	340
STD=0 IN CURVE	:	NO
NUMBER OF STANDARDS	:	3
STD 1 POSITION	:	DEFINE
STD 1 VALUE	:	DEFINE
STD 2 POSITION	:	DEFINE
STD 2 VALUE	:	DEFINE
STD 3 POSITION	:	DEFINE
STD 3 VALUE	:	DEFINE
REPLIC. STD/CTRLS	:	3
CONTROL VALUE	:	DEFINE
CONTROL POSITION	:	DEFINE
LIM. ACCPT. CTRL. --+	:	DEFINE
WAITING CYCLES	:	0
TO READING	:	NO
NUMBER OF MEASUREMENTS	:	13
REAGENT 1 VOLUME	:	500
REAGENT 1 DILUENT	:	10
REAGENT 1 POSITION	:	DEFINE
REAGENT 2 VOLUME	:	0
REAGENT 2 DILUENT	:	0
REAGENT 2 POSITION	:	0
SAMPLE VOLUME	:	5
DILUTION RATE	:	3
WASH CYCLES	:	3
UPPER NORMAL VALUE	:	4.5
LOWER NORMAL VALUE	:	3.0
LINEARITY LIMIT	:	15
BLANK LOWER LIMIT	:	0
BLANK UPPER LIMIT	:	700

**Analyzer: HYCEL Lisa**

Applicazione: **GAMMA-GT FL** - Codici GT F245 / F400 / F600 CH  
Preparazione: COME DA METODICA MANUALE (STARTER CAMPIONE)  
Conservazione: REFRIGERATO A 2-8°C

**PROGRAMMA**

ANALYSIS NAME	:	GAMMA GT
SHORT NAME	:	GGT
UNIT	:	UL
MEASUREMENT TYPE	:	KINETIC
WAVELENGTH	:	405
EPSILON	:	800
REPLIC. STD/CTRLS	:	3
CONTROL VALUE	:	DEFINE
CONTROL POSITION	:	DEFINE
LIM. ACCPT. CTRL. →	:	DEFINE
WAITING CYCLES	:	3
NUMBER OF MEASUREMENTS	:	6
REAGENT 1 VOLUME	:	300
REAGENT 1 DILUENT	:	10
REAGENT 1 POSITION	:	DEFINE
REAGENT 2 VOLUME	:	0
REAGENT 2 DILUENT	:	0
REAGENT 2 POSITION	:	0
SAMPLE VOLUME	:	30
DILUTION RATE	:	5
WASH CYCLES	:	3
UPPER NORMAL VALUE	:	47
LOWER NORMAL VALUE	:	10
LINEARITY LIMIT	:	800
BLANK LOWER LIMIT	:	0
BLANK UPPER LIMIT	:	600
BLANK ACCEPT LIMIT	:	5
LIMIT DOT1-DOTO	:	250

**Analyzer: HYCEL Lisa**

Applicazione: **GLUCOSIO FL** - Codice GL F400 / 150F CH  
Preparazione: **MONOREATTIVO LIQUIDO PRONTO PER L'USO**  
Conservazione: **REFRIGERATO A 2-8°C**

**PROGRAMMA**

ANALYSIS NAME	:	GLUCOSE
SHORT NAME	:	GLUC
UNIT	:	mg/dl
MEASUREMENT TYPE	:	PF STD
WAVELENGTH	:	500
STD=0 IN CURVE	:	NO
NUMBER OF STANDARDS	:	3
STD 1 POSITION	:	DEFINE
STD 1 VALUE	:	DEFINE
STD 2 POSITION	:	DEFINE
STD 2 VALUE	:	DEFINE
STD 3 POSITION	:	DEFINE
STD 3 VALUE	:	DEFINE
REPLIC. STD/CTRLS	:	3
CONTROL VALUE	:	DEFINE
CONTROL POSITION	:	DEFINE
LIM. ACCPT. CTRL. --+	:	DEFINE
WAITING CYCLES	:	0
TO READING	:	NO
NUMBER OF MEASUREMENTS	:	14
REAGENT 1 VOLUME	:	500
REAGENT 1 DILUENT	:	10
REAGENT 1 POSITION	:	DEFINE
REAGENT 2 VOLUME	:	0
REAGENT 2 DILUENT	:	0
REAGENT 2 POSITION	:	0
SAMPLE VOLUME	:	5
DILUTION RATE	:	3
WASH CYCLES	:	3
UPPER NORMAL VALUE	:	110
LOWER NORMAL VALUE	:	60
LINEARITY LIMIT	:	500
BLANK LOWER LIMIT	:	0
BLANK UPPER LIMIT	:	700

**Analyzer: HYCEL Lisa**

Applicazione: **GLUCOSIO UV FL** - Codice GL F601 CH

Preparazione: COME DA METODICA MANUALE

Conservazione: REFRIGERATO A 2-8°C

### PROGRAMMA

ANALYSIS NAME	:	GLUCOSE
SHORT NAME	:	GLUC
UNIT	:	mg/dl
MEASUREMENT TYPE	:	PF STD
WAVELENGTH	:	340
STD=0 IN CURVE	:	NO
NUMBER OF STANDARDS	:	3
STD 1 POSITION	:	DEFINE
STD 1 VALUE	:	DEFINE
STD 2 POSITION	:	DEFINE
STD 2 VALUE	:	DEFINE
STD 3 POSITION	:	DEFINE
STD 3 VALUE	:	DEFINE
REPLIC. STD/CTRLS	:	3
CONTROL VALUE	:	DEFINE
CONTROL POSITION	:	DEFINE
LIM. ACCT. CTRL. →	:	DEFINE
WAITING CYCLES	:	0
TO READING	:	NO
NUMBER OF MEASUREMENTS	:	14
REAGENT 1 VOLUME	:	500
REAGENT 1 DILUENT	:	10
REAGENT 1 POSITION	:	DEFINE
REAGENT 2 VOLUME	:	0
REAGENT 2 DILUENT	:	0
REAGENT 2 POSITION	:	0
SAMPLE VOLUME	:	5
DILUTION RATE	:	3
WASH CYCLES	:	3
UPPER NORMAL VALUE	:	110
LOWER NORMAL VALUE	:	60
LINEARITY LIMIT	:	700
BLANK LOWER LIMIT	:	0
BLANK UPPER LIMIT	:	700

**Analyzer: HYCEL Lisa**Applicazione: **GOT/AST FL** - Codici GO F245 / F400 / F600 CH

Preparazione: COME DA METODICA MANUALE (STARTER CAMPIONE)

Conservazione: REFRIGERATO A 2-8°C

**PROGRAMMA**

ANALYSIS NAME	:	GOTAST
SHORT NAME	:	GOT
UNIT	:	UL
MEASUREMENT TYPE	:	KINETIC
WAVELENGTH	:	340
EPSILON	:	-622
REPLIC. STD/CTRLS	:	3
CONTROL VALUE	:	DEFINE
CONTROL POSITION	:	DEFINE
LIM. ACCPT. CTRL. →	:	DEFINE
WAITING CYCLES	:	5
NUMBER OF MEASUREMENTS	:	5
REAGENT 1 VOLUME	:	300
REAGENT 1 DILUENT	:	10
REAGENT 1 POSITION	:	DEFINE
REAGENT 2 VOLUME	:	0
REAGENT 2 DILUENT	:	0
REAGENT 2 POSITION	:	0
SAMPLE VOLUME	:	30
DILUTION RATE	:	5
WASH CYCLES	:	3
UPPER NORMAL VALUE	:	40
LOWER NORMAL VALUE	:	0
LINEARITY LIMIT	:	400
BLANK LOWER LIMIT	:	1000
BLANK UPPER LIMIT	:	2000
BLANK ACCEPT LIMIT	:	5
LIMIT DOT1-DOTO	:	500

**Analyzer: HYCEL Lisa**

Applicazione: **GPT/ALT FL** - Codici GP F245 / F400 / F600 CH

Preparazione: COME DA METODICA MANUALE

Conservazione: REFRIGERATO A 2-8°C

### PROGRAMMA

ANALYSIS NAME	:	GPTALT
SHORT NAME	:	GPT
UNIT	:	UL
MEASUREMENT TYPE	:	KINETIC
WAVELENGTH	:	340
EPSILON	:	-622
REPLIC. STD/CTRLS	:	3
CONTROL VALUE	:	DEFINE
CONTROL POSITION	:	DEFINE
LIM. ACCPT. CTRL. →	:	DEFINE
WAITING CYCLES	:	5
NUMBER OF MEASUREMENTS	:	5
REAGENT 1 VOLUME	:	300
REAGENT 1 DILUENT	:	10
REAGENT 1 POSITION	:	DEFINE
REAGENT 2 VOLUME	:	0
REAGENT 2 DILUENT	:	0
REAGENT 2 POSITION	:	0
SAMPLE VOLUME	:	30
DILUTION RATE	:	5
WASH CYCLES	:	3
UPPER NORMAL VALUE	:	40
LOWER NORMAL VALUE	:	0
LINEARITY LIMIT	:	400
BLANK LOWER LIMIT	:	1000
BLANK UPPER LIMIT	:	2000
BLANK ACCEPT LIMIT	:	5
LIMIT DOT1-DOTO	:	500

**Analyzer: HYCEL Lisa**

Applicazione: **LDH FL** - Codici LD F120 / F245 CH  
Preparazione: COME DA METODICA MANUALE (STARTER CAMPIONE)  
Conservazione: REFRIGERATO A 2-8°C

**PROGRAMMA**

ANALYSIS NAME	:	LDH
SHORT NAME	:	LDH
UNIT	:	UL
MEASUREMENT TYPE	:	KINETIC
WAVELENGTH	:	340
EPSILON	:	-622
REPLIC. STD/CTRLS	:	3
CONTROL VALUE	:	DEFINE
CONTROL POSITION	:	DEFINE
LIM. ACCPT. CTRL. →	:	DEFINE
WAITING CYCLES	:	3
NUMBER OF MEASUREMENTS	:	6
REAGENT 1 VOLUME	:	500
REAGENT 1 DILUENT	:	10
REAGENT 1 POSITION	:	DEFINE
REAGENT 2 VOLUME	:	0
REAGENT 2 DILUENT	:	0
REAGENT 2 POSITION	:	0
SAMPLE VOLUME	:	5
DILUTION RATE	:	10
WASH CYCLES	:	3
UPPER NORMAL VALUE	:	450
LOWER NORMAL VALUE	:	230
LINEARITY LIMIT	:	3000
BLANK LOWER LIMIT	:	1000
BLANK UPPER LIMIT	:	2000
BLANK ACCEPT LIMIT	:	20
LIMIT DOT1-DOTO	:	250

**Analyzer: HYCEL Lisa**Applicazione: **MAGNESIO** - Codice MG 0200 / 0500 CH

Preparazione: COME DA METODICA MANUALE

Conservazione: REFRIGERATO A 2-8°C (STABILE 90 gg.)

TEMPERATURA AMBIENTE 15-30°C (STABILE 30 gg.)

**PROGRAMMA**

ANALYSIS NAME	:	MAGNESIUM
SHORT NAME	:	MG
UNIT	:	mEq/l
MEASUREMENT TYPE	:	PF STD
WAVELENGTH	:	500
STD=0 IN CURVE	:	NO
NUMBER OF STANDARDS	:	3
STD 1 POSITION	:	DEFINE
STD 1 VALUE	:	DEFINE
STD 2 POSITION	:	DEFINE
STD 2 VALUE	:	DEFINE
STD 3 POSITION	:	DEFINE
STD 3 VALUE	:	DEFINE
REPLIC. STD/CTRLS	:	3
CONTROL VALUE	:	DEFINE
CONTROL POSITION	:	DEFINE
LIM. ACCPT. CTRL. --+	:	DEFINE
WAITING CYCLES	:	0
TO READING	:	NO
NUMBER OF MEASUREMENTS	:	6
REAGENT 1 VOLUME	:	500
REAGENT 1 DILUENT	:	10
REAGENT 1 POSITION	:	DEFINE
REAGENT 2 VOLUME	:	0
REAGENT 2 DILUENT	:	0
REAGENT 2 POSITION	:	0
SAMPLE VOLUME	:	5
DILUTION RATE	:	3
WASH CYCLES	:	3
UPPER NORMAL VALUE	:	2.1
LOWER NORMAL VALUE	:	1.3
LINEARITY LIMIT	:	10
BLANK LOWER LIMIT	:	0
BLANK UPPER LIMIT	:	700

**Analyzer: HYCEL Lisa**

Applicazione: **PROTEINE TOTALI** - Codici TP 0500 CH  
Preparazione: **MONOREATTIVO LIQUIDO PRONTO PER L'USO**  
Conservazione: **TEMPERATURA AMBIENTE (2-30°C)**

**PROGRAMMA**

ANALYSIS NAME	:	PROTEINS
SHORT NAME	:	TP
UNIT	:	g/dl
MEASUREMENT TYPE	:	PF STD
WAVELENGTH	:	560
STD=0 IN CURVE	:	NO
NUMBER OF STANDARDS	:	3
STD 1 POSITION	:	DEFINE
STD 1 VALUE	:	DEFINE
STD 2 POSITION	:	DEFINE
STD 2 VALUE	:	DEFINE
STD 3 POSITION	:	DEFINE
STD 3 VALUE	:	DEFINE
REPLIC. STD/CTRLS	:	3
CONTROL VALUE	:	DEFINE
CONTROL POSITION	:	DEFINE
LIM. ACCPT. CTRL. --+	:	DEFINE
WAITING CYCLES	:	0
TO READING	:	NO
NUMBER OF MEASUREMENTS	:	14
REAGENT 1 VOLUME	:	500
REAGENT 1 DILUENT	:	10
REAGENT 1 POSITION	:	DEFINE
REAGENT 2 VOLUME	:	0
REAGENT 2 DILUENT	:	0
REAGENT 2 POSITION	:	0
SAMPLE VOLUME	:	5
DILUTION RATE	:	3
WASH CYCLES	:	3
UPPER NORMAL VALUE	:	8.4
LOWER NORMAL VALUE	:	6.3
LINEARITY LIMIT	:	12
BLANK LOWER LIMIT	:	0
BLANK UPPER LIMIT	:	500

**Analyzer: HYCEL Lisa**

Applicazione: **PROTEINE HS** - Codice HS 0500 CH  
Preparazione: **MONOREATTIVO LIQUIDO PRONTO PER L'USO**  
Conservazione: **TEMPERATURA AMBIENTE (2-30°C)**

**PROGRAMMA**

ANALYSIS NAME	:	PROTEINSHS
SHORT NAME	:	HS
UNIT	:	mg/dl
MEASUREMENT TYPE	:	PF STD
WAVELENGTH	:	600
STD=0 IN CURVE	:	NO
NUMBER OF STANDARDS	:	3
STD 1 POSITION	:	DEFINE
STD 1 VALUE	:	DEFINE
STD 2 POSITION	:	DEFINE
STD 2 VALUE	:	DEFINE
STD 3 POSITION	:	DEFINE
STD 3 VALUE	:	DEFINE
REPLIC. STD/CTRLS	:	3
CONTROL VALUE	:	DEFINE
CONTROL POSITION	:	DEFINE
LIM. ACCPT. CTRL. --+	:	DEFINE
WAITING CYCLES	:	0
TO READING	:	NO
NUMBER OF MEASUREMENTS	:	14
REAGENT 1 VOLUME	:	500
REAGENT 1 DILUENT	:	10
REAGENT 1 POSITION	:	DEFINE
REAGENT 2 VOLUME	:	0
REAGENT 2 DILUENT	:	0
REAGENT 2 POSITION	:	0
SAMPLE VOLUME	:	3
DILUTION RATE	:	3
WASH CYCLES	:	3
UPPER NORMAL VALUE	:	141
LOWER NORMAL VALUE	:	28
LINEARITY LIMIT	:	500
BLANK LOWER LIMIT	:	0
BLANK UPPER LIMIT	:	500

**Analyzer: HYCEL Lisa**Applicazione: **RAME** - Codice CU 0100 CH

Preparazione: COME DA METODICA MANUALE

Conservazione: REFRIGERATO A 2-8°C (ATTENZIONE! IL REAGENTE PUO' CONDENSARE)

**PROGRAMMA**

ANALYSIS NAME	:	COPPER
SHORT NAME	:	CU
UNIT	:	microg/dl
MEASUREMENT TYPE	:	PF STD
WAVELENGTH	:	560
STD=0 IN CURVE	:	NO
NUMBER OF STANDARDS	:	3
STD 1 POSITION	:	DEFINE
STD 1 VALUE	:	DEFINE
STD 2 POSITION	:	DEFINE
STD 2 VALUE	:	DEFINE
STD 3 POSITION	:	DEFINE
STD 3 VALUE	:	DEFINE
REPLIC. STD/CTRLS	:	3
CONTROL VALUE	:	DEFINE
CONTROL POSITION	:	DEFINE
LIM. ACCT. CTRL. --+	:	DEFINE
WAITING CYCLES	:	0
TO READING	:	NO
NUMBER OF MEASUREMENTS	:	14
REAGENT 1 VOLUME	:	500
REAGENT 1 DILUENT	:	10
REAGENT 1 POSITION	:	DEFINE
REAGENT 2 VOLUME	:	0
REAGENT 2 DILUENT	:	0
REAGENT 2 POSITION	:	0
SAMPLE VOLUME	:	30
DILUTION RATE	:	3
WASH CYCLES	:	3
UPPER NORMAL VALUE	:	140
LOWER NORMAL VALUE	:	70
LINEARITY LIMIT	:	500
BLANK LOWER LIMIT	:	0
BLANK UPPER LIMIT	:	700

**Analyzer: HYCEL Lisa**Applicazione: **TRIGLICERIDI FL** - Codice TR F400 / 150F CHPreparazione: **MONOREATTIVO LIQUIDO PRONTO PER L'USO**Conservazione: **REFRIGERATO A 2-8°C****PROGRAMMA**

ANALYSIS NAME	:	TRIGLYCERIDES
SHORT NAME	:	TRIG
UNIT	:	mg/dl
MEASUREMENT TYPE	:	PF STD
WAVELENGTH	:	500
STD=0 IN CURVE	:	NO
NUMBER OF STANDARDS	:	3
STD 1 POSITION	:	DEFINE
STD 1 VALUE	:	DEFINE
STD 2 POSITION	:	DEFINE
STD 2 VALUE	:	DEFINE
STD 3 POSITION	:	DEFINE
STD 3 VALUE	:	DEFINE
REPLIC. STD/CTRLS	:	3
CONTROL VALUE	:	DEFINE
CONTROL POSITION	:	DEFINE
LIM. ACCT. CTRL. →	:	DEFINE
WAITING CYCLES	:	0
TO READING	:	NO
NUMBER OF MEASUREMENTS	:	14
REAGENT 1 VOLUME	:	500
REAGENT 1 DILUENT	:	10
REAGENT 1 POSITION	:	DEFINE
REAGENT 2 VOLUME	:	0
REAGENT 2 DILUENT	:	0
REAGENT 2 POSITION	:	0
SAMPLE VOLUME	:	5
DILUTION RATE	:	3
WASH CYCLES	:	3
UPPER NORMAL VALUE	:	190
LOWER NORMAL VALUE	:	0
LINEARITY LIMIT	:	1000
BLANK LOWER LIMIT	:	0
BLANK UPPER LIMIT	:	700

**Analyzer: HYCEL Lisa**Applicazione: **UREA UV FL** - Codice AZ F245 / F400 / F600 CH

Preparazione: COME DA METODICA MANUALE

Conservazione: REFRIGERATO A 2-8°C

**PROGRAMMA**

ANALYSIS NAME	:	UREA
SHORT NAME	:	URE
UNIT	:	mg/dl
MEASUREMENT TYPE	:	PF STD
WAVELENGTH	:	340
STD=0 IN CURVE	:	NO
NUMBER OF STANDARDS	:	3
STD 1 POSITION	:	DEFINE
STD 1 VALUE	:	DEFINE
STD 2 POSITION	:	DEFINE
STD 2 VALUE	:	DEFINE
STD 3 POSITION	:	DEFINE
STD 3 VALUE	:	DEFINE
REPLIC. STD/CTRLS	:	3
CONTROL VALUE	:	DEFINE
CONTROL POSITION	:	DEFINE
LIM. ACPT. CTRL. →	:	DEFINE
WAITING CYCLES	:	1
NUMBER OF MEASUREMENTS	:	5
REAGENT 1 VOLUME	:	500
REAGENT 1 DILUENT	:	10
REAGENT 1 POSITION	:	DEFINE
REAGENT 2 VOLUME	:	0
REAGENT 2 DILUENT	:	0
REAGENT 2 POSITION	:	0
SAMPLE VOLUME	:	5
DILUTION RATE	:	5
WASH CYCLES	:	3
UPPER NORMAL VALUE	:	50
LOWER NORMAL VALUE	:	10
LINEARITY LIMIT	:	300
BLANK LOWER LIMIT	:	1000
BLANK UPPER LIMIT	:	2000

**Analyzer: HYCEL Lisa**

Applicazione: **ZINCO** - Codice ZN 0125 CH  
Preparazione: COME DA METODICA MANUALE  
Conservazione: REFRIGERATO A 2-8°C

**PROGRAMMA**

ANALYSIS NAME	:	ZINK
SHORT NAME	:	ZN
UNIT	:	microg/dl
MEASUREMENT TYPE	:	PF STD
WAVELENGTH	:	600
STD=0 IN CURVE	:	NO
NUMBER OF STANDARDS	:	3
STD 1 POSITION	:	DEFINE
STD 1 VALUE	:	DEFINE
STD 2 POSITION	:	DEFINE
STD 2 VALUE	:	DEFINE
STD 3 POSITION	:	DEFINE
STD 3 VALUE	:	DEFINE
REPLIC. STD/CTRLS	:	3
CONTROL VALUE	:	DEFINE
CONTROL POSITION	:	DEFINE
LIM. ACCT. CTRL. --+	:	DEFINE
WAITING CYCLES	:	0
TO READING	:	NO
NUMBER OF MEASUREMENTS	:	14
REAGENT 1 VOLUME	:	500
REAGENT 1 DILUENT	:	10
REAGENT 1 POSITION	:	DEFINE
REAGENT 2 VOLUME	:	0
REAGENT 2 DILUENT	:	0
REAGENT 2 POSITION	:	0
SAMPLE VOLUME	:	25
DILUTION RATE	:	3
WASH CYCLES	:	3
UPPER NORMAL VALUE	:	150
LOWER NORMAL VALUE	:	70
LINEARITY LIMIT	:	500
BLANK LOWER LIMIT	:	0
BLANK UPPER LIMIT	:	700