Chimica clinica

programmazione Thermo Electron Co. Konelab

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.

Analizzatore: Konelab

Applicazione: **ACIDO URICO T FL** - Codice AU F402 CH
Preparazione: COME DA METODICA MANUALE
Conservazione: REFRIGERATO A 2-8°C
Stabilità: 90 GIORNI

Test definition URIC

test type	Photometric
Full name	Uric acid
Online name	
Result unit	mg/dl
N. of decimals	1
Acceptance	AUTOMATIC
Dilution 1+	0
Sample type	serum plasma

test in use YES

	Low	High	Units
Test limit	0	25	mg/dl
Initial absorb.	0,0	2,0	A
Dilution limit	*	20	mg/dl
Secondary dil.	0	2	
Correction factor	1.00		
Bias correction	0.00		

calibration parameters

calibration type	LINEAR	Bias corr. in use	NO
Repeat time (d)	0	Abs. error (mA)	10
Point/std	2	Rel. error %	5
Acceptance	MANUAL		
Type of standard	SEPARATE	Response limit Min.	*
Std. ID	WATER CAL 1	Max	*

test flow
Additional blank MEASUREMENT
Antigen excess NO

Reagent		Volume (µl)	Incubation Time (sec)	λ1 (nm)
URIC	**BLANK**	**5**	**300**	**540**

Volume (µl) **200**		λ2 (nm) **700**
Disp. with. **WATER**	Disp. with **WATER**	λ2 weight **1,0**
Volume (µl) **20**	Volume (µl) **20**	Res. Net. Abs. **0**
	Diluent **WATER**	Meas. type **NORMAL**

Analizzatore: Konelab

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

Test definition ALB

test type	Photometric
Full name	Albumin
Online name	
Result unit	g/dl
N. of decimals	1
Acceptance	AUTOMATIC
Dilution 1+	0
Sample type	serum plasma

test in use YES

	Low	High	Units
Test limit	0	7	g/dl
Initial absorb.	0,0	2,0	A
Dilution limit	*	5	g/dl
Secondary dil.	0	2	
Correction factor	1.00		
Bias correction	0.00		

calibration parameters

calibration type	LINEAR	Bias corr. in use	NO
Repeat time (d)	0	Abs. error (mA)	15
Point/std	2	Rel. error %	3
Acceptance	MANUAL		
Type of standard	SEPARATE	Response limit Min.	*
Std. ID	WATER CAL 1	Max	*

test flow
Additional blank MEASUREMENT
Antigen excess NO

Reagent		Volume (µl)	Incubation Time (sec)	λ1 (nm)
GLUC	**BLANK**	**2**	**120**	**620**

Volume (µl)	λ2 (nm)
215	**700**

Disp. with.	Disp. with	λ2 weight
WATER	**WATER**	**1,0**

Volume (µl)	Volume (µl)	Res. Net. Abs.
15	**15**	**0**
	Diluent	Meas. type

Analizzatore: Konelab

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

Test definition AMY

test type	Photometric
Full name	Amylase
Online name	
Result unit	U/L
N. of decimals	0
Acceptance	AUTOMATIC
Dilution 1+	0
Sample type	serum plasma

test in use YES

	Low	High	Units
Test limit	0	2000	U/L
Initial absorb.	0,0	2,0	A
Dilution limit	*	1500	U/L
Secondary dil.	0	9	
Correction factor	1.00		
Bias correction	0.00		

calibration parameters

calibration type	NONE	Factor	3178	bias	0
		Bias corr. in use	NO		

test flow
Additional blank NONE
Antigen excess NO

Reagent	Incubation time (sec)	Volume (µl)	Incubation Time (sec)	λ1 (nm)	Curve type
AMY	**180**	**5**	**120**	**405**	**LINEARCUT**

Volume (µl)	λ2 (nm)	Nonlinearity
175	**NONE**	

Disp. with.	Disp. with	resp.(mA/min)
EXTRA	**EXTRA**	**20**

Volume (µl)	Volume (µl)	Time (sec)
15	**10**	**120**

Diluent	Points&Inter.
WATER	**7/18 sec**

Analizzatore: Konelab

Applicazione: **AMILASI EPS FL** - Codici EA F245 CH
Preparazione: COME DA METODICA MANUALE
Conservazione: REFRIGERATO A 2-8°C
Stabilità: 60 GIORNI

Test definition AMY

test type	Photometric
Full name	Amylase
Online name	
Result unit	U/L
N. of decimals	0
Acceptance	AUTOMATIC
Dilution 1+	0
Sample type	serum plasma

test in use YES

	Low	High	Units
Test limit	0	1500	U/L
Initial absorb.	0,0	2,0	A
Dilution limit	*	1000	U/L
Secondary dil.	0	9	
Correction factor	1.00		
Bias correction	0.00		

calibration parameters

calibration type: NONE — Factor: 3480 — bias: 0

Bias corr. in use: NO

test flow
Additional blank NONE
Antigen excess NO

Reagent	Incubation time (sec)	Volume (µl)	Incubation Time (sec)	λ1 (nm)	Curve type
AMY	**180**	**7**	**180**	**405**	**LINEARCUT**

Volume (µl)	λ2 (nm)	Nonlinearity
185	**NONE**	

Disp. with.	Disp. with	resp.(mA/min)
EXTRA	**EXTRA**	**20**

Volume (µl)	Volume (µl)	Time (sec)
15	**10**	**120**

Diluent	Points&Inter.
WATER	**7/18 sec**

Analizzatore: Konelab

Applicazione: **ISOAMILASI PANCREATICA FL** - Codici PA F245 CH
Preparazione: REAGENTE A - INSTALLARE COME "P-AMY-1"
REAGENTE B - INSTALLARE COME "P-AMY-2"
Conservazione: REFRIGERATO A 2-8°C
Stabilità: FINO A SCADENZA IN ETICHETTA

Test definition AMYP

test type	Photometric
Full name	Pancreatic Amylase
Online name	
Result unit	U/L
N. of decimals	0
Acceptance	AUTOMATIC
Dilution 1+	0
Sample type	serum plasma

test in use YES

	Low	High	Units
Test limit	0	2500	U/L
Initial absorb.	0,0	2,0	A
Dilution limit	*	2000	U/L
Secondary dil.	0	9	
Correction factor	1.00		
Bias correction	0.00		

calibration parameters

calibration type	NONE	Factor	6280	bias	0
		Bias corr. in use	NO		

test flow
Additional blank NONE
Antigen excess NO

Reagent	Incubation time (sec)	Volume (µl)	Incubation Time (sec)	Reagent	Incubation Time (sec)	λ1 (nm)	Curve type
P-AMY-1	**180**	**4**	**180**	**P-AMY-2**	**120**	**405**	**LINEARCUT**

Volume (µl)			Volume (µl)	λ2 (nm)	Nonlinearity
180			**40**	**NONE**	
Disp. with.	Disp. with	Disp. with			resp.(mA/min)
EXTRA	**EXTRA**	**EXTRA**			**20**
Volume (µl)	Volume (µl)	Volume (µl)			Time (sec)
10	**10**	**10**			**180**
	Diluent				Points&Inter.
	WATER				**7/18 sec**

Analizzatore: Konelab

Applicazione: **BILIRUBINA TOTALE** - Codice BT 0360 CH
Preparazione: T-BIL 1: UTILIZZARE IL REAGENTE A LIQUIDO PRONTO PER L'USO
T-BIL 2: MESCOLARE 30 PARTI DI REAGENTE B1 CON UNA PARTE DI REAGENTE B2. PREPARARE GIORNALMENTE.
Conservazione: REFRIGERATO A 2-8°C
Stabilità: R1: FINO A SCADENZA IN ETICHETTA - R2: PREPARARE GIORNALMENTE

Test definition T BIL

test type	Photometric
Full name	Total Bilirubin
Online name	
Result unit	mg/dl
N. of decimals	1
Acceptance	AUTOMATIC
Dilution 1+	0
Sample type	serum plasma

test in use YES

	Low	High	Units
Test limit	0	20	mg/dl
Initial absorb.	0,0	2,0	A
Dilution limit	*	12	mg/dl
Secondary dil.	0	4	
Correction factor	1.00		
Bias correction	0.00		

calibration parameters

calibration type	LINEAR	Bias corr. in use	NO
Repeat time (d)	1	Abs. error (mA)	12
Point/std	2	Rel. error %	3
Acceptance	MANUAL		
Type of standard	SEPARATE	Response limit Min.	*
Std. ID	WATER CAL 1	Max	*

test flow
Additional blank MEASUREMENT
Antigen excess NO

Reagent	Volume (µl)	Incubation Time (sec)		Reagent	Incubation Time (sec)	λ1 (nm)
T-BIL-1	**10**	**180**	**BLANK**	**T-BIL-2**	**300**	**510**
Volume (µl)				Volume (µl)		λ2 (nm)
160				**40**		**NONE**
Disp. with.	Disp. with			Disp. with		
WATER	**EXTRA**			**WATER**		
Volume (µl)	Volume (µl)			Volume (µl)		
10	**10**			**10**		
	Diluent					Meas. type
	WATER					**NORMAL**

Analizzatore: Konelab

Applicazione: **BILIRUBINA DIRETTA** - Codice BD 0480 CH
Preparazione: D-BIL 1: UTILIZZARE IL REAGENTE A LIQUIDO PRONTO PER L'USO
D-BIL 2: MESCOLARE 30 PARTI DI REAGENTE B1 CON UNA PARTE DI REAGENTE B2. PREPARARE GIORNALMENTE.
Stabilità: R1: FINO A SCADENZA IN ETICHETTA - R2: PREPARARE GIORNALMENTE

Test definition D BIL

test type	Photometric
Full name	Direct Bilirubin
Online name	
Result unit	mg/dl
N. of decimals	1
Acceptance	AUTOMATIC
Dilution 1+	0
Sample type	serum plasma

test in use YES

	Low	High	Units
Test limit	0	20	mg/dl
Initial absorb.	0,0	2,0	A
Dilution limit	*	12	mg/dl
Secondary dil.	0	4	
Correction factor	1.00		
Bias correction	0.00		

calibration parameters

calibration type	LINEAR	Bias corr. in use	NO
Repeat time (d)	1	Abs. error (mA)	12
Point/std	2	Rel. error %	3
Acceptance	MANUAL		
Type of standard	SEPARATE	Response limit Min.	*
Std. ID	WATER CAL 1	Max	*

test flow
Additional blank MEASUREMENT
Antigen excess NO

Reagent	Volume (µl)	Incubation Time (sec)		Reagent	Incubation Time (sec)	λ1 (nm)
D-BIL-1	**10**	**120**	**BLANK**	**D-BIL-2**	**60**	**540**
Volume (µl)				Volume (µl)		λ2 (nm)
160				**40**		**NONE**
Disp. with.	Disp. with			Disp. with		
WATER	**EXTRA**			**WATER**		
Volume (µl)	Volume (µl)			Volume (µl)		
10	**10**			**10**		
	Diluent					Meas. type
	WATER					**NORMAL**

Analizzatore: Konelab

Applicazione: **CALCIO** - Codice CA 0505 CH
Preparazione: COME DA METODICA MANUALE
Conservazione: REFRIGERATO A 2-8°C
Stabilità: 14 GIORNI

Test definition CA

test type	Photometric
Full name	Calcium
Online name	
Result unit	mg/dl
N. of decimals	2
Acceptance	AUTOMATIC
Dilution 1+	0
Sample type	serum plasma

test in use YES

	Low	High	Units
Test limit	0	20	mg/dl
Initial absorb.	0,0	2,0	A
Dilution limit	*	15	mg/dl
Secondary dil.	0	2	
Correction factor	1.00		
Bias correction	0.00		

calibration parameters

calibration type	LINEAR	Bias corr. in use	NO
Repeat time (d)	0	Abs. error (mA)	15
Point/std	2	Rel. error %	0
Acceptance	MANUAL		
Type of standard	SEPARATE	Response limit Min.	*
Std. ID	WATER CAL 1	Max	*

test flow
Additional blank MEASUREMENT
Antigen excess NO

Reagent	Incubation Time (sec)		Volume (µl)	Incubation Time (sec)	λ1 (nm)
CA	**120**	**BLANK**	**3**	**120**	**575**

Volume (µl) **200**		λ2 (nm) **700**
Disp. with. **WATER**	Disp. with **WATER**	λ2 weight **1,0**
Volume (µl) **15**	Volume (µl) **15**	Res. Net. Abs. **0**
	Diluent **WATER**	Meas. type **NORMAL**

Analizzatore: Konelab

Applicazione: **CALCIO ASX** - Codice CA 0500 CH
Preparazione: MONOREATTIVO LIQUIDO PRONTO PER L'USO
Conservazione: TEMPERATURA AMBIENTE (2-30°C)
Stabilità: FINO A SCADENZA IN ETICHETTA

Test definition CA

test type	Photometric
Full name	Calcium
Online name	
Result unit	mg/dl
N. of decimals	2
Acceptance	AUTOMATIC
Dilution 1+	0
Sample type	serum plasma

test in use YES

	Low	High	Units
Test limit	0	20	mg/dl
Initial absorb.	0,0	2,0	A
Dilution limit	*	15	mg/dl
Secondary dil.	0	2	
Correction factor	1.00		
Bias correction	0.00		

calibration parameters

calibration type	LINEAR	Bias corr. in use	NO
Repeat time (d)	0	Abs. error (mA)	15
Point/std	2	Rel. error %	0
Acceptance	MANUAL		
Type of standard	SEPARATE	Response limit Min.	*
Std. ID	WATER CAL 1	Max	*

test flow
Additional blank MEASUREMENT
Antigen excess NO

Reagent	Incubation Time (sec)		Volume (µl)	Incubation Time (sec)	λ1 (nm)
CA	**120**	**BLANK**	**2**	**120**	**660**

Volume (µl)		λ2 (nm)
200		**700**
Disp. with.	Disp. with	λ2 weight
WATER	**WATER**	**1,0**
Volume (µl)	Volume (µl)	Res. Net. Abs.
15	**15**	**0**
	Diluent	Meas. type
	WATER	**NORMAL**

Analizzatore: Konelab

Applicazione: **CK-NAC FL** - Codici CK F120 / F245 CH
Preparazione: COME DA METODICA MANUALE
Conservazione: REFRIGERATO A 2-8°C
Stabilità: 30 GIORNI

Test definition CK

test type	Photometric
Full name	Creatine kinase
Online name	
Result unit	U/L
N. of decimals	0
Acceptance	AUTOMATIC
Dilution 1+	0
Sample type	serum plasma

test in use YES

	Low	High	Units
Test limit	0	1600	U/L
Initial absorb.	0,0	2,0	A
Dilution limit	*	1200	U/L
Secondary dil.	0	5	
Correction factor	1.00		
Bias correction	0.00		

calibration parameters

calibration type: NONE — Factor: 4127 — bias: 0

Bias corr. in use: NO

test flow
Additional blank NONE
Antigen excess NO

Reagent	Incubation time (sec)	Volume (µl)	Incubation Time (sec)	λ1 (nm)	Curve type
CK	**180**	**8**	**120**	**340**	**LINEARCUT**

Volume (µl)	λ2 (nm)	Nonlinearity
180	**NONE**	

Disp. with.	Disp. with	resp.(mA/min)
EXTRA	**EXTRA**	**20**

Volume (µl)	Volume (µl)	Time (sec)
10	**10**	**120**

Diluent	Points&Inter.
WATER	**7/18 sec**

Analizzatore: Konelab

Applicazione: **CK-MB FL** - Codici MB F120 CH
Preparazione: COME DA METODICA MANUALE
Conservazione: REFRIGERATO A 2-8°C
Stabilità: 10 GIORNI

Test definition CK-MB

test type	Photometric
Full name	CK-MB
Result unit	U/L
N. of decimals	0
Acceptance	AUTOMATIC
Dilution 1+	0
Sample type	serum plasma

test in use YES

	Low	High	Units
Test limit	0	1600	U/L
Initial absorb.	0,0	2,0	A
Dilution limit	*	1200	U/L
Secondary dil.	0	5	
Correction factor	1.00		
Bias correction	0.00		

calibration parameters

calibration type: NONE — Factor: 8254 — bias: 0

Bias corr. in use: NO

test flow
Additional blank NONE
Antigen excess NO

Reagent	Incubation time (sec)	Volume (µl)	Incubation Time (sec)	λ1 (nm)	Curve type
CK	**120**	**8**	**300**	**340**	**LINEARCUT**

Volume (µl)	λ2 (nm)	Nonlinearity
180	**NONE**	**10**

Disp. with.	Disp. with	resp.(mA/min)
EXTRA	**EXTRA**	**20**

Volume (µl)	Volume (µl)	Time (sec)
10	**10**	**240**

Diluent	Points&Inter.
WATER	**9/27 sec**

Analizzatore: Konelab

Applicazione: **CLORO** - Codice CL 0500 CH
Preparazione: MONOREATTIVO LIQUIDO PRONTO PER L'USO
Conservazione: TEMPERATURA AMBIENTE (2-30°C)
Stabilità: FINO A SCADENZA IN ETICHETTA

Test definition CHLOR

test type	Photometric
Full name	Chloride
Online name	
Result unit	mEq/l
N. of decimals	0
Acceptance	AUTOMATIC
Dilution 1+	0
Sample type	serum plasma

test in use YES

	Low	High	Units
Test limit	0	200	mEq/l
Initial absorb.	0,0	2,0	A
Dilution limit	*	150	mEq/l
Secondary dil.	0	2	
Correction factor	1.00		
Bias correction	0.00		

calibration parameters

calibration type	LINEAR	Bias corr. in use	NO
Repeat time (d)	0	Abs. error (mA)	15
Point/std	2	Rel. error %	5
Acceptance	MANUAL		
Type of standard	SEPARATE	Response limit Min.	*
Std. ID	WATER CAL 1	Max	*

test flow
Additional blank MEASUREMENT
Antigen excess NO

Reagent		Volume (µl)	Incubation Time (sec)	λ1 (nm)
CHLOR	**BLANK**	**2**	**600**	**460**

Volume (µl)		λ2 (nm)
220		**700**
Disp. with.	Disp. with	λ2 weight
WATER	**WATER**	**1,0**
Volume (µl)	Volume (µl)	Res. Net. Abs.
10	**10**	**0**
	Diluent	Meas. type
	WATER	**NORMAL**

Analizzatore: Konelab

Applicazione: **COLESTEROLO FL** - Codice CT F400 / 150F CH
Preparazione: MONOREATTIVO LIQUIDO PRONTO PER L'USO
Conservazione: REFRIGERATO A 2-8°C
Stabilità: FINO A SCADENZA IN ETICHETTA

Test definition CHOL

test type	Photometric
Full name	Cholesterol
Online name	
Result unit	mg/dl
N. of decimals	0
Acceptance	AUTOMATIC
Dilution 1+	0
Sample type	serum plasma

test in use YES

	Low	High	Units
Test limit	0	800	mg/dl
Initial absorb.	0,0	2,0	A
Dilution limit	*	600	mg/dl
Secondary dil.	0	2	
Correction factor	1.00		
Bias correction	0.00		

calibration parameters

calibration type	LINEAR	Bias corr. in use	NO
Repeat time (d)	0	Abs. error (mA)	10
Point/std	2	Rel. error %	5
Acceptance	MANUAL		
Type of standard	SEPARATE	Response limit Min.	*
Std. ID	WATER CAL 1	Max	*

test flow
Additional blank MEASUREMENT
Antigen excess NO

Reagent		Volume (µl)	Incubation Time (sec)	λ1 (nm)
CHOL	**BLANK**	**2**	**300**	**510**

Volume (µl)			λ2 (nm)
200			**620**
Disp. with.	Disp. with		λ2 weight
WATER	**WATER**		**1,0**
Volume (µl)	Volume (µl)		Res. Net. Abs.
20	**20**		**0**
	Diluent		Meas. type
	WATER		**NORMAL**

Analizzatore: Konelab

Applicazione: **HDL-DIRECT FL** - Codice HD F080 / F245 CH
Preparazione: REAGENTE A - INSTALLARE COME "HDL-C-1"
REAGENTE B - INSTALLARE COME "HDL-C-2"
Conservazione: REFRIGERATO A 2-8°C
Stabilità: 60 GIORNI ON BOARD

Test definition HDL-C

test type	Photometric
Full name	HDL direct
Online name	
Result unit	mg/dl
N. of decimals	0
Acceptance	AUTOMATIC
Dilution 1+	0
Sample type	serum plasma

test in use YES

	Low	High	Units
Test limit	0	250	mg/dl
Initial absorb.	0,0	2,0	A
Dilution limit	*	200	mg/dl
Secondary dil.	0	5	
Correction factor	1.00		
Bias correction	0.00		

calibration parameters

calibration type	LINEAR	Bias corr. in use	NO
Repeat time (d)	0	Abs. error (mA)	12
Point/std	2	Rel. error %	3
Acceptance	MANUAL		
Type of standard	SEPARATE	Response limit Min.	*
Std. ID	WATER HDL CAL	Max	*

test flow
Additional blank MEASUREMENT
Antigen excess NO

Reagent	Volume (µl)	Incubation Time (sec)		Reagent	Incubation Time (sec)	λ1 (nm)
HDL-C-1	**2**	**300**	**BLANK**	**HDL-C-2**	**300**	**600**
Volume (µl)				Volume (µl)		λ2 (nm)
150				**50**		**700**
Disp. with.	Disp. with			Disp. with		λ2 weight
WATER	**EXTRA**			**WATER**		**1,0**
Volume (µl)	Volume (µl)			Volume (µl)		Res. Net. Abs.
20	**10**			**20**		**0**
	Diluent					Meas. type
	WATER					**NORMAL**

Analizzatore: Konelab

Applicazione: **LDL-DIRECT FL** - Codice DL F080 CH
Preparazione: REAGENTE A - INSTALLARE COME "LDL-C-1"
REAGENTE B - INSTALLARE COME "LDL-C-2"
Conservazione: REFRIGERATO A 2-8°C
Stabilità: 60 GIORNI ON BOARD

Test definition LDL-C

test type	Photometric
Full name	LDL direct
Online name	
Result unit	mg/dl
N. of decimals	0
Acceptance	AUTOMATIC
Dilution 1+	0
Sample type	serum plasma

test in use YES

	Low	High	Units
Test limit	0	400	mg/dl
Initial absorb.	0,0	2,0	A
Dilution limit	*	350	mg/dl
Secondary dil.	0	5	
Correction factor	1.00		
Bias correction	0.00		

calibration parameters

calibration type	LINEAR	Bias corr. in use	NO
Repeat time (d)	0	Abs. error (mA)	12
Point/std	2	Rel. error %	3
Acceptance	MANUAL		
Type of standard	SEPARATE	Response limit Min.	*
Std. ID	WATER LDL CAL	Max	*

test flow
Additional blank MEASUREMENT
Antigen excess NO

Reagent	Volume (µl)	Incubation Time (sec)		Reagent	Incubation Time (sec)	λ1 (nm)
LDL-C-1	**2**	**300**	**BLANK**	**LDL-C-2**	**300**	**600**
Volume (µl)				Volume (µl)		λ2 (nm)
150				**50**		**700**
Disp. with.	Disp. with			Disp. with		λ2 weight
WATER	**EXTRA**			**WATER**		**1,0**
Volume (µl)	Volume (µl)			Volume (µl)		Res. Net. Abs.
20	**10**			**20**		**0**
	Diluent					Meas. type
	WATER					**NORMAL**

Analizzatore: Konelab

Applicazione: **COLINESTERASI FL (DGKC)** - Codici CH F245 CH
Preparazione: COME DA METODICA MANUALE
Conservazione: REFRIGERATO A 2-8°C
Stabilità: 14 GIORNI

Test definition CHE

test type	Photometric
Full name	Cholinesterase
Online name	
Result unit	U/L
N. of decimals	0
Acceptance	AUTOMATIC
Dilution 1+	0
Sample type	serum plasma

test in use YES

	Low	High	Units
Test limit	0	25000	U/L
Initial absorb.	0,8	2,0	A
Dilution limit	*	20000	U/L
Secondary dil.	0	5	
Correction factor	1.00		
Bias correction	0.00		

calibration parameters

calibration type	NONE	Factor	65800	bias	0
		Bias corr. in use	NO		

test flow
Additional blank NONE
Antigen excess NO

Reagent	Incubation time (sec)	Volume (µl)	Incubation Time (sec)	λ1 (nm)	Curve type
CHE	**180**	**4**	**90**	**405**	**LINEARCUT**

Volume (µl)	λ2 (nm)	Nonlinearity
215	**NONE**	

Disp. with.	Disp. with	resp.(mA/min)
EXTRA	**EXTRA**	**20**

Volume (µl)	Volume (µl)	Time (sec)
15	**10**	**90**

Diluent	Points&Inter.
WATER	**7/18 sec**

Analizzatore: Konelab

Applicazione: **CREATININA** - Codice CR 0500 CH
Preparazione: COME DA METODICA MANUALE
Conservazione: TEMPERATURA AMBIENTE (2-30°C)
Stabilità: 14 GIORNI

Test definition CREA

test type	Photometric
Full name	Creatinine
Online name	
Result unit	mg/dl
N. of decimals	1
Acceptance	AUTOMATIC
Dilution 1+	0
Sample type	serum plasma

test in use YES

	Low	High	Units
Test limit	0	12	mg/dl
Initial absorb.	0,0	2,0	A
Dilution limit	*	10	mg/dl
Secondary dil.	0	9	
Correction factor	1.00		
Bias correction	0.00		

calibration parameters

calibration type	LINEAR	Bias corr. in use	NO
Repeat time (d)	0	Abs. error (mA)	5
Point/std	2	Rel. error %	5
Acceptance	MANUAL		
Type of standard	SEPARATE	Response limit Min.	*
Std. ID	WATER CAL 1	Max	*

test flow
Additional blank NONE
Antigen excess NO

Reagent	Incubation time (sec)	Volume (µl)	Incubation Time (sec)	λ1 (nm)	Curve type
CREA	**180**	**10**	**60**	**510**	**NONLINEAR**

Volume (µl)	λ2 (nm)	Nonlinearity
200	**NONE**	

Disp. with.	Disp. with		resp.(mA/min)
EXTRA	**EXTRA**		**20**
Volume (µl)	Volume (µl)		Time (sec)
10	**10**		**60**
	Diluent		Points&Inter.
	WATER		**12/4.5 sec**

Analizzatore: Konelab

Applicazione: **FERRO FZ** - Codice FE F245 / F400 CH
Preparazione: REAGENTE A - INSTALLARE COME "IRON-F-1"
REAGENTE B - INSTALLARE COME "IRON-F-2" (PREPARARE COME INDICATO IN METODICA)
Conservazione: REFRIGERATO A 2-8°C
Stabilità: 90 GIORNI

Test definition IRON-F

test type	Photometric
Full name	Iron FZ
Online name	
Result unit	µg/dl
N. of decimals	0
Acceptance	AUTOMATIC
Dilution 1+	0
Sample type	serum plasma

test in use YES

	Low	High	Units
Test limit	0	1000	µg/dl
Initial absorb.	0,0	2,0	A
Dilution limit	*	700	µg/dl
Secondary dil.	0	2	
Correction factor	1.00		
Bias correction	0.00		

calibration parameters

calibration type	LINEAR	Bias corr. in use	NO
Repeat time (d)	0	Abs. error (mA)	12
Point/std	2	Rel. error %	5
Acceptance	MANUAL		
Type of standard	SEPARATE	Response limit Min.	*
Std. ID	WATER CAL 1	Max	*

test flow
Additional blank MEASUREMENT
Antigen excess NO

Reagent	Volume (µl)	Incubation Time (sec)		Reagent	Incubation Time (sec)	λ1 (nm)
IRON-F-1	**50**	**240**	**BLANK**	**IRON-F-2**	**300**	**575**
Volume (µl)				Volume (µl)		λ2 (nm)
160				**40**		**NONE**
Disp. with.	Disp. with			Disp. with		
WATER	**EXTRA**			**WATER**		
Volume (µl)	Volume (µl)			Volume (µl)		
10	**10**			**10**		
	Diluent					Meas. type
	WATER					**NORMAL**

Analizzatore: Konelab

Applicazione: **FERRO CRX** - Codice FE 0500 CH
Preparazione: MONOREATTIVO LIQUIDO PRONTO PER L'USO
Conservazione: TEMPERATURA AMBIENTE (2-30°C)
Stabilità: FINO A SCADENZA IN ETICHETTA

Test definition IRON-C

test type	Photometric
Full name	Iron CRX
Online name	
Result unit	µg/dl
N. of decimals	0
Acceptance	AUTOMATIC
Dilution 1+	0
Sample type	serum plasma

test in use YES

	Low	High	Units
Test limit	0	500	µg/dl
Initial absorb.	0,0	2,0	A
Dilution limit	*	400	µg/dl
Secondary dil.	0	2	
Correction factor	1.00		
Bias correction	0.00		

calibration parameters

calibration type	LINEAR	Bias corr. in use	NO
Repeat time (d)	0	Abs. error (mA)	15
Point/std	2	Rel. error %	5
Acceptance	MANUAL		
Type of standard	SEPARATE	Response limit Min.	*
Std. ID	WATER CAL 1	Max	*

test flow
Additional blank MEASUREMENT
Antigen excess NO

Reagent		Volume (µl)	Incubation Time (sec)	λ1 (nm)
IRON-C	**BLANK**	**8**	**120**	**620**

Volume (µl)		λ2 (nm)
200		**700**
Disp. with.	Disp. with	λ2 weight
WATER	**WATER**	**1,0**
Volume (µl)	Volume (µl)	Res. Net. Abs.
10	**10**	**0**
	Diluent	Meas. type
	WATER	**NORMAL**

Analizzatore: Konelab

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
Stabilità: 7 gg

Test definition ACP

test type	Photometric
Full name	Acid Phosph.
Online name	
Result unit	U/L
N. of decimals	1
Acceptance	AUTOMATIC
Dilution 1+	0
Sample type	serum plasma

test in use YES

	Low	High	Units
Test limit	0	75	U/L
Initial absorb.	0,0	2,0	A
Dilution limit	*	50	U/L
Secondary dil.	0	4	
Correction factor	1.00		
Bias correction	0.00		

calibration parameters

calibration type NONE Factor 730 bias 0

Bias corr. in use NO

test flow
Additional blank NONE
Antigen excess NO

Reagent	Volume (µl)	Incubation Time (sec)	λ1 (nm)	Curve type
ACP	**22**	**300**	**405**	**LINEAR**
Volume (µl)			λ2 (nm)	Nonlinearity Conc. (IU/L)
200			**NONE**	**2**
Disp. with.	Disp. with			%
EXTRA	**EXTRA**			**15**
Volume (µl)	Volume (µl)			Time (sec)
10	**10**			**300**
	Diluent			Points&Inter.
	WATER			**11/18 (sec)**

Analizzatore: Konelab

Applicazione: **FOSFATASI ALCALINA FL** - Codici AL F245 / F400 / F600 CH
Preparazione: COME DA METODICA MANUALE
Conservazione: REFRIGERATO A 2-8°C
Stabilità: 30 GIORNI

Test definition ALP

test type	Photometric
Full name	ALK. Phosph.
Online name	
Result unit	U/L
N. of decimals	0
Acceptance	AUTOMATIC
Dilution 1+	0
Sample type	serum plasma

test in use YES

	Low	High	Units
Test limit	0	2000	U/L
Initial absorb.	0,0	2,0	A
Dilution limit	*	1500	U/L
Secondary dil.	0	9	
Correction factor	1.00		
Bias correction	0.00		

calibration parameters

calibration type: NONE — Factor: 2757 — bias: 0

Bias corr. in use: NO

test flow
Additional blank NONE
Antigen excess NO

Reagent	Incubation time (sec)	Volume (µl)	Incubation Time (sec)	λ1 (nm)	Curve type
ALP	**180**	**4**	**120**	**405**	**LINEARCUT**

Volume (µl)	λ2 (nm)	Nonlinearity
175	**NONE**	

Disp. with.	Disp. with	resp.(mA/min)
EXTRA	**EXTRA**	**10**

Volume (µl)	Volume (µl)	Time (sec)
15	**10**	**120**

Diluent	Points&Inter.
WATER	**7/18 sec**

Analizzatore: Konelab

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

Test definition PH

test type	Photometric
Full name	Phosphorus
Online name	
Result unit	mg/dl
N. of decimals	1
Acceptance	AUTOMATIC
Dilution 1+	0
Sample type	serum plasma

test in use YES

	Low	High	Units
Test limit	0	15	mg/dl
Initial absorb.	0,0	2,0	A
Dilution limit	*	12	mg/dl
Secondary dil.	0	5	
Correction factor	1.00		
Bias correction	0.00		

calibration parameters

calibration type	LINEAR	Bias corr. in use	NO
Repeat time (d)	0	Abs. error (mA)	10
Point/std	2	Rel. error %	5
Acceptance	MANUAL		
Type of standard	SEPARATE	Response limit Min.	*
Std. ID	WATER CAL 1	Max	*

test flow
Additional blank MEASUREMENT
Antigen excess NO

Reagent		Volume (µl)	Incubation Time (sec)	λ1 (nm)
PH	**BLANK**	**2**	**300**	**340**

Volume (µl)		λ2 (nm)
200		**380**
Disp. with.	Disp. with	λ2 weight
WATER	**WATER**	**1,0**
Volume (µl)	Volume (µl)	Res. Net. Abs.
10	**10**	**0**
	Diluent	Meas. type
	WATER	**NORMAL**

Analizzatore: Konelab

Applicazione: **GAMMA-GT FL** - Codici GT F245 / F400 / F600 CH
Preparazione: COME DA METODICA MANUALE
Conservazione: REFRIGERATO A 2-8°C
Stabilità: 60 GIORNI

Test definition GGT

test type	Photometric
Full name	Gamma GT
Online name	
Result unit	U/L
N. of decimals	0
Acceptance	AUTOMATIC
Dilution 1+	0
Sample type	serum plasma

test in use YES

	Low	High	Units
Test limit	0	1000	U/L
Initial absorb.	0,0	2,0	A
Dilution limit	*	600	U/L
Secondary dil.	0	9	
Correction factor	1.00		
Bias correction	0.00		

calibration parameters

calibration type: NONE — Factor: 1200 — bias: 0

Bias corr. in use: NO

test flow
Additional blank NONE
Antigen excess NO

Reagent	Incubation time (sec)	Volume (µl)	Incubation Time (sec)	λ1 (nm)	Curve type
GGT	**180**	**22**	**120**	**405**	**LINEARCUT**

Volume (µl)	λ2 (nm)	Nonlinearity
190	**NONE**	

Disp. with.	Disp. with	resp.(mA/min)
EXTRA	**EXTRA**	**20**

Volume (µl)	Volume (µl)	Time (sec)
20	**10**	**120**

Diluent	Points&Inter.
WATER	**7/18 sec**

Analizzatore: Konelab

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

Test definition GLUC

test type	Photometric
Full name	GLUC GOD-POD
Online name	
Result unit	mg/dl
N. of decimals	0
Acceptance	AUTOMATIC
Dilution 1+	0
Sample type	serum plasma

test in use YES

	Low	High	Units
Test limit	0	500	mg/dl
Initial absorb.	0,0	2,0	A
Dilution limit	*	350	mg/dl
Secondary dil.	0	2	
Correction factor	1.00		
Bias correction	0.00		

calibration parameters

calibration type	LINEAR	Bias corr. in use	NO
Repeat time (d)	0	Abs. error (mA)	15
Point/std	2	Rel. error %	0
Acceptance	MANUAL		
Type of standard	SEPARATE	Response limit Min.	*
Std. ID	WATER CAL 1	Max	*

test flow
Additional blank MEASUREMENT
Antigen excess NO

Reagent		Volume (µl)	Incubation Time (sec)	λ1 (nm)
GLUC	**BLANK**	**2**	**600**	**510**

Volume (µl)			λ2 (nm)
200			**620**
Disp. with.	Disp. with		λ2 weight
WATER	**WATER**		**1,0**
Volume (µl)	Volume (µl)		Res. Net. Abs.
20	**20**		**0**
	Diluent		Meas. type
	WATER		**NORMAL**

Analizzatore: Konelab

Applicazione: **GLUCOSIO UV FL** - Codice GL F601 CH
Preparazione: COME DA METODICA MANUALE
Conservazione: REFRIGERATO A 2-8°C
Stabilità: 90 GIORNI

Test definition GLU-HK

test type	Photometric
Full name	GLUC HK
Online name	
Result unit	mg/dl
N. of decimals	0
Acceptance	AUTOMATIC
Dilution 1+	0
Sample type	serum plasma

test in use YES

	Low	High	Units
Test limit	0	1000	mg/dl
Initial absorb.	0,0	2,0	A
Dilution limit	*	750	mg/dl
Secondary dil.	0	2	
Correction factor	1.00		
Bias correction	0.00		

calibration parameters

calibration type	LINEAR	Bias corr. in use	NO
Repeat time (d)	0	Abs. error (mA)	10
Point/std	2	Rel. error %	5
Acceptance	MANUAL		
Type of standard	SEPARATE	Response limit Min.	*
Std. ID	WATER CAL 1	Max	*

test flow
Additional blank MEASUREMENT
Antigen excess NO

Reagent		Volume (µl)	Incubation Time (sec)	λ1 (nm)
GLU-HK	**BLANK**	**2**	**300**	**340**

Volume (µl)		λ2 (nm)
200		**380**
Disp. with.	Disp. with	λ2 weight
WATER	**WATER**	**1,0**
Volume (µl)	Volume (µl)	Res. Net. Abs.
20	**20**	**0**
	Diluent	Meas. type
	WATER	**NORMAL**

Analizzatore: Konelab

Applicazione: **GOT/AST FL** - Codici GO F245 / F400 / F600 CH
Preparazione: COME DA METODICA MANUALE
Conservazione: REFRIGERATO A 2-8°C
Stabilità: 30 GIORNI

Test definition GOT

test type	Photometric
Full name	GOT - AST
Online name	
Result unit	U/L
N. of decimals	0
Acceptance	AUTOMATIC
Dilution 1+	0
Sample type	serum plasma

test in use YES

	Low	High	Units
Test limit	0	440	U/L
Initial absorb.	0,8	2,0	A
Dilution limit	*	300	U/L
Secondary dil.	0	5	
Correction factor	1.00		
Bias correction	0.00		

calibration parameters

calibration type: NONE — Factor: -1746 — bias: 0

Bias corr. in use: NO

test flow
Additional blank NONE
Antigen excess NO

Reagent	Incubation time (sec)	Volume (µl)	Incubation Time (sec)	λ1 (nm)	Curve type
GOT	**180**	**22**	**120**	**340**	**LINEARCUT**

Volume (µl)	λ2 (nm)	Nonlinearity
190	**NONE**	

Disp. with.	Disp. with	resp.(mA/min)
EXTRA	**EXTRA**	**20**

Volume (µl)	Volume (µl)	Time (sec)
20	**10**	**180**

Diluent	Points&Inter.
WATER	**9/27 sec**

Analizzatore: Konelab

Applicazione: **GPT/ALT FL** - Codici GP F245 / F400 / F600 CH
Preparazione: COME DA METODICA MANUALE
Conservazione: REFRIGERATO A 2-8°C
Stabilità: 30 GIORNI

Test definition GPT

test type	Photometric
Full name	GPT - ALT
Online name	
Result unit	U/L
N. of decimals	0
Acceptance	AUTOMATIC
Dilution 1+	0
Sample type	serum plasma

test in use YES

	Low	High	Units
Test limit	0	440	U/L
Initial absorb.	0,8	2,0	A
Dilution limit	*	300	U/L
Secondary dil.	0	5	
Correction factor	1.00		
Bias correction	0.00		

calibration parameters

calibration type: NONE — Factor: -1746 — bias: 0

Bias corr. in use: NO

test flow
Additional blank NONE
Antigen excess NO

Reagent	Incubation time (sec)	Volume (µl)	Incubation Time (sec)	λ1 (nm)	Curve type
GPT	**180**	**22**	**120**	**340**	**LINEARCUT**

Volume (µl)	λ2 (nm)	Nonlinearity
190	**NONE**	

Disp. with.	Disp. with	resp.(mA/min)
EXTRA	**EXTRA**	**20**

Volume (µl)	Volume (µl)	Time (sec)
20	**10**	**180**

Diluent	Points&Inter.
WATER	**9/27 sec**

Analizzatore: Konelab

Applicazione: **LDH FL** - Codici LD F120 / F245 CH
Preparazione: COME DA METODICA MANUALE
Conservazione: REFRIGERATO A 2-8°C
Stabilità: 30 GIORNI

Test definition LDH

test type	Photometric
Full name	LDH-P
Online name	
Result unit	U/L
N. of decimals	0
Acceptance	AUTOMATIC
Dilution 1+	0
Sample type	serum plasma

test in use YES

	Low	High	Units
Test limit	0	4000	U/L
Initial absorb.	0,8	2,0	A
Dilution limit	*	3000	U/L
Secondary dil.	0	5	
Correction factor	1.00		
Bias correction	0.00		

calibration parameters

calibration type	NONE	Factor	-20000	bias	0
		Bias corr. in use	NO		

test flow
Additional blank NONE
Antigen excess NO

Reagent	Incubation time (sec)	Volume (µl)	Incubation Time (sec)	λ1 (nm)	Curve type
LDH	**180**	**2**	**120**	**340**	**LINEARCUT**

Volume (µl)	λ2 (nm)	Nonlinearity
180	**NONE**	

Disp. with.	Disp. with	resp.(mA/min)
EXTRA	**EXTRA**	**20**

Volume (µl)	Volume (µl)	Time (sec)
10	**10**	**120**

Diluent	Points&Inter.
WATER	**7/18 sec**

Analizzatore: Konelab

Applicazione: **LIPASI FL** - Codici LP F060 CH
Preparazione: REAGENTE A - INSTALLARE COME "LIP-1"
REAGENTE B - INSTALLARE COME "LIP-2"
Conservazione: REFRIGERATO A 2-8°C
Stabilità: 60 GIORNI ON BOARD

Test definition LIP

test type	Photometric
Full name	Lipase
Online name	
Result unit	U/L
N. of decimals	0
Acceptance	AUTOMATIC
Dilution 1+	0
Sample type	serum plasma

test in use YES

	Low	High	Units
Test limit	0	250	U/L
Initial absorb.	0,0	2,0	A
Dilution limit	*	200	U/L
Secondary dil.	0	5	
Correction factor	1.00		
Bias correction	0.00		

calibration parameters

calibration type	LINEAR	Bias corr. in use	NO
Repeat time (d)	0	Abs. error (mA)	12
Point/std	2	Rel. error %	5
Acceptance	MANUAL		
Type of standard	SEPARATE	Response limit Min.	*
Std. ID	WATER HDL CAL	Max	*

test flow
Additional blank NONE
Antigen excess NO

Reagent	Incubation time (sec)	Volume (µl)	Incubation Time (sec)	Reagent	Incubation Time (sec)	λ1 (nm)	Curve type
LIP-1	**120**	**2**	**300**	**LIP-2**	**120**	**575**	**LINEARCUT**

Volume (µl)			Volume (µl)	λ2 (nm)	Nonlinearity
180			**36**	**NONE**	
Disp. with.	Disp. with		Disp. with		resp.(mA/min)
EXTRA	**EXTRA**		**EXTRA**		**20**
Volume (µl)	Volume (µl)		Volume (µl)		Time (sec)
10	**10**		**10**		**180**
	Diluent				Points&Inter.
	WATER				**7/18 sec**

Analizzatore: Konelab

Applicazione: **MAGNESIO** - Codice MG 0200 / 0500 CH
Preparazione: COME DA METODICA MANUALE
Conservazione: REFRIGERATO A 2-8°C
Stabilità: 90 GIORNI

Test definition MG

test type	Photometric
Full name	Magnesium
Online name	
Result unit	mEq/l
N. of decimals	1
Acceptance	AUTOMATIC
Dilution 1+	0
Sample type	serum plasma

test in use YES

	Low	High	Units
Test limit	0	10	mEq/l
Initial absorb.	0,0	2,0	A
Dilution limit	*	7	mEq/l
Secondary dil.	0	5	
Correction factor	1.00		
Bias correction	0.00		

calibration parameters

calibration type	LINEAR	Bias corr. in use	NO
Repeat time (d)	0	Abs. error (mA)	10
Point/std	2	Rel. error %	5
Acceptance	MANUAL		
Type of standard	SEPARATE	Response limit Min.	*
Std. ID	WATER CAL 1	Max	*

test flow
Additional blank MEASUREMENT
Antigen excess NO

Reagent		Volume (µl)	Incubation Time (sec)	λ1 (nm)
MG	**BLANK**	**2**	**90**	**510**

Volume (µl) **200**		λ2 (nm) **700**
Disp. with. **WATER**	Disp. with **WATER**	λ2 weight **1,0**
Volume (µl) **10**	Volume (µl) **10**	Res. Net. Abs. **0**
	Diluent **WATER**	Meas. type **NORMAL**

Analizzatore: Konelab

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

Test definition HSP

test type	Photometric
Full name	HS Proteins
Online name	
Result unit	mg/dl
N. of decimals	0
Acceptance	AUTOMATIC
Dilution 1+	0
Sample type	urine CSF

test in use YES

	Low	High	Units
Test limit	0	500	mg/dl
Initial absorb.	0,0	2,0	A
Dilution limit	*	400	mg/dl
Secondary dil.	0	10	
Correction factor	1.00		
Bias correction	0.00		

calibration parameters

calibration type	LINEAR	Bias corr. in use	NO
Repeat time (d)	0	Abs. error (mA)	10
Point/std	2	Rel. error %	5
Acceptance	MANUAL		
Type of standard	SEPARATE	Response limit Min.	*
Std. ID	WATER CAL 1	Max	*

test flow
Additional blank MEASUREMENT
Antigen excess NO

Reagent		Volume (µl)	Incubation Time (sec)	λ1 (nm)
HSP	**BLANK**	**2**	**300**	**600**

Volume (µl) **232**		λ2 (nm) **700**
Disp. with. **WATER**	Disp. with **WATER**	λ2 weight **1,0**
Volume (µl) **8**	Volume (µl) **8**	Res. Net. Abs. **0**
	Diluent **WATER**	Meas. type **NORMAL**

Analizzatore: Konelab

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

Test definition TP

test type	Photometric
Full name	Total proteins
Online name	
Result unit	g/dl
N. of decimals	1
Acceptance	AUTOMATIC
Dilution 1+	0
Sample type	serum plasma

test in use YES

	Low	High	Units
Test limit	0	12	g/dl
Initial absorb.	0,0	2,0	A
Dilution limit	*	9	g/dl
Secondary dil.	0	5	
Correction factor	1.00		
Bias correction	0.00		

calibration parameters

calibration type	LINEAR	Bias corr. in use	NO
Repeat time (d)	0	Abs. error (mA)	10
Point/std	2	Rel. error %	5
Acceptance	MANUAL		
Type of standard	SEPARATE	Response limit Min.	*
Std. ID	WATER CAL 1	Max	*

test flow
Additional blank MEASUREMENT
Antigen excess NO

Reagent		Volume (µl)	Incubation Time (sec)	λ1 (nm)
TP	**BLANK**	**2**	**600**	**540**

Volume (µl)		λ2 (nm)
200		**700**
Disp. with.	Disp. with	λ2 weight
WATER	**WATER**	**1,0**
Volume (µl)	Volume (µl)	Res. Net. Abs.
10	**10**	**0**
	Diluent	Meas. type
	WATER	**NORMAL**

Analizzatore: Konelab

Applicazione: **RAME** - Codice CU 0100 CH
Preparazione: COME DA METODICA MANUALE
Conservazione: REFRIGERATO A 2-8°C (ATTENZIONE! IL REAGENTE PUO' CONDENSARE)
Stabilità: 14 GIORNI

Test definition CU

test type	Photometric
Full name	Copper
Online name	
Result unit	µg/dl
N. of decimals	0
Acceptance	AUTOMATIC
Dilution 1+	0
Sample type	serum plasma

test in use YES

	Low	High	Units
Test limit	0	500	µg/dl
Initial absorb.	0,0	2,0	A
Dilution limit	*	300	µg/dl
Secondary dil.	0	2	
Correction factor	1.00		
Bias correction	0.00		

calibration parameters

calibration type	LINEAR	Bias corr. in use	NO
Repeat time (d)	0	Abs. error (mA)	10
Point/std	2	Rel. error %	5
Acceptance	MANUAL		
Type of standard	SEPARATE	Response limit Min.	*
Std. ID	WATER CHEM CAL	Max	*

test flow
Additional blank MEASUREMENT
Antigen excess NO

Reagent		Volume (µl)	Incubation Time (sec)	λ1 (nm)
CU	**BLANK**	**10**	**300**	**575**

Volume (µl)		λ2 (nm)
150		**700**
Disp. with.	Disp. with	λ2 weight
WATER	**WATER**	**1,0**
Volume (µl)	Volume (µl)	Res. Net. Abs.
10	**10**	**0**
	Diluent	Meas. type
	WATER	**NORMAL**

Analizzatore: Konelab

Applicazione: **TRIGLICERIDI FL** - Codice TR F400 / 150F CH
Preparazione: MONOREATTIVO LIQUIDO PRONTO PER L'USO
Conservazione: REFRIGERATO A 2-8°C
Stabilità: FINO A SCADENZA IN ETICHETTA

Test definition TRIG

test type	Photometric
Full name	Triglycerides
Online name	
Result unit	mg/dl
N. of decimals	0
Acceptance	AUTOMATIC
Dilution 1+	0
Sample type	serum plasma

test in use YES

	Low	High	Units
Test limit	0	1000	mg/dl
Initial absorb.	0,0	2,0	A
Dilution limit	*	800	mg/dl
Secondary dil.	0	2	
Correction factor	1.00		
Bias correction	0.00		

calibration parameters

calibration type	LINEAR	Bias corr. in use	NO
Repeat time (d)	0	Abs. error (mA)	10
Point/std	2	Rel. error %	5
Acceptance	MANUAL		
Type of standard	SEPARATE	Response limit Min.	*
Std. ID	WATER CAL 1	Max	*

test flow
Additional blank MEASUREMENT
Antigen excess NO

Reagent		Volume (µl)	Incubation Time (sec)	λ1 (nm)
CHOL	**BLANK**	**2**	**300**	**510**

Volume (µl)			λ2 (nm)
200			**620**
Disp. with.	Disp. with		λ2 weight
WATER	**WATER**		**1,0**
Volume (µl)	Volume (µl)		Res. Net. Abs.
20	**20**		**0**
	Diluent		Meas. type
	WATER		**NORMAL**

Analizzatore: Konelab

Applicazione: **UREA UV FL** - Codice AZ F245 / F400 / F600 CH
Preparazione: COME DA METODICA MANUALE
Conservazione: REFRIGERATO A 2-8°C
Stabilità: 60 GIORNI

Test definition UREA

test type	Photometric
Full name	Urea
Online name	
Result unit	mg/dl
N. of decimals	0
Acceptance	AUTOMATIC
Dilution 1+	0
Sample type	serum plasma

test in use YES

	Low	High	Units
Test limit	0	300	mg/dl
Initial absorb.	0,8	2,2	A
Dilution limit	*	250	mg/dl
Secondary dil.	0	9	
Correction factor	1.00		
Bias correction	0.00		

calibration parameters

calibration type	LINEAR	Bias corr. in use	NO
Repeat time (d)	0	Abs. error (mA)	7
Point/std	2	Rel. error %	10
Acceptance	MANUAL		
Type of standard	SEPARATE	Response limit Min.	*
Std. ID	WATER CAL 1	Max	*

test flow
Additional blank NONE
Antigen excess NO

Reagent	Incubation time (sec)	Volume (µl)	Incubation Time (sec)	λ1 (nm)	Curve type
UREA	**180**	**2**	**30**	**340**	**NONLINEAR**

Volume (µl)	λ2 (nm)	Nonlinearity
200	**NONE**	

Disp. with.	Disp. with	resp.(mA/min)
EXTRA	**EXTRA**	**20**

Volume (µl)	Volume (µl)	Time (sec)
20	**10**	**60**

Diluent	Points&Inter.
WATER	**12/4.5 sec**

Analizzatore: Konelab

Applicazione: **ZINCO** - Codice ZN 0125 CH
Preparazione: COME DA METODICA MANUALE
Conservazione: REFRIGERATO A 2-8°C
Stabilità: 30 GIORNI

Test definition ZN

test type	Photometric
Full name	Zinc
Online name	
Result unit	µg/dl
N. of decimals	0
Acceptance	AUTOMATIC
Dilution 1+	0
Sample type	serum plasma

test in use YES

	Low	High	Units
Test limit	0	1000	µg/dl
Initial absorb.	0,0	2,0	A
Dilution limit	*	800	µg/dl
Secondary dil.	0	2	
Correction factor	1.00		
Bias correction	0.00		

calibration parameters

calibration type	LINEAR	Bias corr. in use	NO
Repeat time (d)	0	Abs. error (mA)	10
Point/std	2	Rel. error %	5
Acceptance	MANUAL		
Type of standard	SEPARATE	Response limit Min.	*
Std. ID	WATER CHEM CAL	Max	*

test flow
Additional blank MEASUREMENT
Antigen excess NO

Reagent		Volume (µl)	Incubation Time (sec)	λ1 (nm)
ZN	**BLANK**	**10**	**300**	**575**

Volume (µl)		λ2 (nm)
200		**700**
Disp. with.	Disp. with	λ2 weight
WATER	**WATER**	**1,0**
Volume (µl)	Volume (µl)	Res. Net. Abs.
10	**10**	**0**
	Diluent	Meas. type
	WATER	**NORMAL**