

APPLICATIONS FOR Metrolab 1600

ACID PHOSPHATASE

NAME: ACP	METHOD NUMBER 1
TYPE: KINETICS	
REFERENCE	FACTOR
UNITS	: U/L
TEMPERATURE	: 30
LAG TIME	: 300
MEASURE TIME	: 300
VOLUME	: 5
PEAK WL	: 405
L:LIMIT	0.0
H:LIMIT	4.5
DEP: RATE	0.041
PLACE	FLOWCELL
FACTOR	: 5151 *

ALBUMIN

NAME: ALBUMIN	METHOD NUMBER 2
TYPE: EP/RB	
REFERENCE	STANDARD
UNITS	: G/DL
TEMPERATURE	: 25
LAG TIME	: 3
MEASURE TIME	: 0
VOLUME	: 5
PEAK WL	: 550
L:LIMIT	3.2
H:LIMIT	5.2
DEP: RATE	-
PLACE	FLOWCELL
STANDARD	: 5.0 **

ALKALINE PHOSPHATASE OPT. DGKC (SAMPLE START)

NAME: ALP DGKC	METHOD NUMBER 3
TYPE: KINETICS	
REFERENCE	FACTOR
UNITS	: U/L
TEMPERATURE	: 3/
LAG TIME	: 60
MEASURE TIME	: 180
VOLUME	: 5
PEAK WL	: 405
L:LIMIT	0.0
H:LIMIT	935
DEP: RATE	0.250
PLACE	FLOWCELL
FACTOR	: 2757 *

ALKALINE PHOSPHATASE MOD. IFCC SAMPLE START)

NAME: ALP IFCC	METHOD NUMBER 4
TYPE: KINETICS	
REFERENCE	FACTOR
UNITS	: U/L
TEMPERATURE	: 3/
LAG TIME	: 60
MEASURE TIME	: 180
VOLUME	: 5
PEAK WL	: 405
L:LIMIT	42
H:LIMIT	128
DEP: RATE	0.250
PLACE	FLOWCELL
FACTOR	: 2757 *

AMMONIA (SUBSTRATE START)

NAME: AMMONIA	METHOD NUMBER 5
TYPE: EP/SB	
REFERENCE	STANDARD
UNITS	: µG/DL
TEMPERATURE	: 25
LAG TIME	: 3
MEASURE TIME	: 0
VOLUME	: 5
PEAK WL	: 340
L:LIMIT	18.73
H:LIMIT	59.60
DEP: RATE	-
PLACE	FLOWCELL
STANDARD	: **

α-AMYLASE CNP-G3

NAME: AMY CNP-G3	METHOD NUMBER 6
TYPE: KINETICS	
REFERENCE	FACTOR
UNITS	: U/L
TEMPERATURE	: 3/
LAG TIME	: 60
MEASURE TIME	: 180
VOLUME	: 5
PEAK WL	: 405
L:LIMIT	0.0
H:LIMIT	220
DEP: RATE	0.350
PLACE	FLOWCELL
FACTOR	: 10256 *

α-AMYLASE MOD. IFCC (SAMPLE START)

NAME: AMY IFCC	METHOD NUMBER 7
TYPE: KINETICS	
REFERENCE	FACTOR
UNITS	: U/L
TEMPERATURE	: 3/
LAG TIME	: 120
MEASURE TIME	: 180
VOLUME	: 5
PEAK WL	: 405
L:LIMIT	0.0
H:LIMIT	100
DEP: RATE	0.350
PLACE	FLOWCELL
FACTOR	: 4554 *

BILIRUBIN AUTO DIRECT (SUBSTRATE START)

NAME: BIL AUTO D	METHOD NUMBER 8
TYPE: EP/SB	
REFERENCE	STANDARD
UNITS	: MG/DL
TEMPERATURE	: 25
LAG TIME	: 3
MEASURE TIME	: 0
VOLUME	: 5
PEAK WL	: 550
L:LIMIT	0
H:LIMIT	0.25
DEP: RATE	-
PLACE	FLOWCELL
STANDARD	: **

BILIRUBIN AUTO TOTAL (SUBSTRATE START)

NAME: BIL AUTO T METHOD NUMBER 9

TYPE: EP/SB
REFERENCE STANDARD
UNITS : MG/DL
TEMPERATURE : 25
LAG TIME : 3
MEASURE TIME : 0
VOLUME : 5
PEAK WL : 550
L:LIMIT 0.1
H:LIMIT 1.2
DEP: RATE -
PLACE FLOWCELL
STANDARD : **

CALCIUM CPC (SAMPLE START)

NAME: CALC CPC METHOD NUMBER 13

TYPE: EP/RB
REFERENCE STANDARD
UNITS : MG/DL
TEMPERATURE : 25
LAG TIME : 3
MEASURE TIME : 0
VOLUME : 5
PEAK WL : 550
L:LIMIT 8.6
H:LIMIT 10.3
DEP: RATE -
PLACE FLOWCELL
STANDARD : **

BILIRUBIN DIRECT JENDRASSIK GROF (SAMPLE START)

NAME: BILI DIR METHOD NUMBER 10

TYPE: EP/RB
REFERENCE STANDARD
UNITS : MG/DL
TEMPERATURE : 25
LAG TIME : 3
MEASURE TIME : 0
VOLUME : 5
PEAK WL : 550
L:LIMIT 0
H:LIMIT 0.2
DEP: RATE -
PLACE FLOWCELL
STANDARD : **

CHOESTEROL CHOD PAP

NAME: CHOLEST METHOD NUMBER 14

TYPE: EP/RB
REFERENCE STANDARD
UNITS : MG/DL
TEMPERATURE : 25
LAG TIME : 3
MEASURE TIME : 0
VOLUME : 5
PEAK WL : 550
L:LIMIT 0
H:LIMIT 200
DEP: RATE -
PLACE FLOWCELL
STANDARD : **

BILIRUBIN TOTAL JENDRASSIK GROF (SAMPLE START)

NAME: BILI TOT METHOD NUMBER 11

TYPE: EP/RB
REFERENCE STANDARD
UNITS : MG/DL
TEMPERATURE : 25
LAG TIME : 3
MEASURE TIME : 0
VOLUME : 5
PEAK WL : 550
L:LIMIT 0.2
H:LIMIT 2.0
DEP: RATE -
PLACE FLOWCELL
STANDARD : **

CHOLESTEROL HDL DIRECT (SUBSTRATE START)

NAME: CHOL HDL METHOD NUMBER 15

TYPE: EP/SB
REFERENCE STANDARD
UNITS : MG/DL
TEMPERATURE : 25
LAG TIME : 3
MEASURE TIME : 0
VOLUME : 5
PEAK WL : 620
REF: WL 700
L:LIMIT 35.3
H:LIMIT 88.0
DEP: RATE -
PLACE FLOWCELL
STANDARD : **

CALCIUM ARSENAZO

NAME: CALC AS METHOD NUMBER 12

TYPE: EP/RB
REFERENCE STANDARD
UNITS : MG/DL
TEMPERATURE : 25
LAG TIME : 3
MEASURE TIME : 0
VOLUME : 5
PEAK WL : 620
L:LIMIT 8.6
H:LIMIT 10.3
DEP: RATE -
PLACE FLOWCELL
STANDARD : **

CHOLESTEROL LDL DIRECT (SUBSTRATE START)

NAME: CHOL LDL METHOD NUMBER 16

TYPE: EP/SB
REFERENCE STANDARD
UNITS : MG/DL
TEMPERATURE : 25
LAG TIME : 3
MEASURE TIME : 0
VOLUME : 5
PEAK WL : 620
REF: WL 700
L:LIMIT 0
H:LIMIT 130
DEP: RATE -
PLACE FLOWCELL
STANDARD : **

*) Enter calibrator or standard value

**) The factor must be checked by a calibration serum

CHLORIDE MERCURIC THIOCYANATE

NAME: CHLORIDE METHOD NUMBER 17

TYPE: EP/RB
REFERENCE STANDARD
UNITS : MMOL/L
TEMPERATURE : 25
LAG TIME : 3
MEASURE TIME : 0
VOLUME : 5
PEAK WL : 450
L:LIMIT 95
H:LIMIT 105
DEP: RATE -
PLACE FLOWCELL
STANDARD : **

CO₂ PEP-C

NAME: CO2 METHOD NUMBER 21

²TYPE: EP/RB
REFERENCE STANDARD
UNITS : MMOL/L
TEMPERATURE : 25
LAG TIME : 3
MEASURE TIME : 0
VOLUME : 5
PEAK WL : 405
L:LIMIT 22
H:LIMIT 29
DEP: RATE -
PLACE FLOWCELL
STANDARD : **

CHOLINESTERASE DGKC NEW (SAMPLE START)

NAME: CHE METHOD NUMBER 18

TYPE: KINETICS
REFERENCE FACTOR
UNITS : U/L
TEMPERATURE : 3/
LAG TIME : 120
MEASURE TIME : 90
VOLUME : 5
PEAK WL : 405
L:LIMIT 4000
H:LIMIT 12600
DEP: RATE 0.380
PLACE FLOWCELL
FACTOR : 65800 *

CREATININE MOD JAFFE (SAMPLE START)

NAME: CREATININE METHOD NUMBER 22

TYPE: 2 POINTS
REFERENCE STANDARD
UNITS : MG/DL
TEMPERATURE : 37
LAG TIME : 60
MEASURE TIME : 120
VOLUME : 5
PEAK WL : 505
L:LIMIT 0.6
H:LIMIT 1.3
DEP: RATE 0.5
PLACE FLOWCELL
STANDARD : **

CK-NAC OPT: DGKC/IFCC (SAMPLE START)

NAME: CK-NAC METHOD NUMBER 19

TYPE: KINETICS
REFERENCE FACTOR
UNITS : U/L
TEMPERATURE : 3/
LAG TIME : 180
MEASURE TIME : 180
VOLUME : 5
PEAK WL : 340
L:LIMIT 24
H:LIMIT 195
DEP: RATE 0.250
PLACE FLOWCELL
FACTOR : 4127 *

GAMMA GT SZASZ (SAMPLE START)

NAME: GGT SZASZ METHOD NUMBER 23

TYPE: KINETICS
REFERENCE FACTOR
UNITS : U/L
TEMPERATURE : 3/
LAG TIME : 60
MEASURE TIME : 180
VOLUME : 5
PEAK WL : 405
L:LIMIT 0
H:LIMIT 49
DEP: RATE 0.200
PLACE FLOWCELL
FACTOR : 1158 *

CK-MB OPT: DGKC/IFCC (SAMPLE START)

NAME: CK-MB METHOD NUMBER 20

TYPE: KINETICS
REFERENCE FACTOR
UNITS : U/L
TEMPERATURE : 3/
LAG TIME : 300
MEASURE TIME : 300
VOLUME : 5
PEAK WL : 340
L:LIMIT 0
H:LIMIT 24
DEP: RATE 0.125
PLACE FLOWCELL
FACTOR : 8254 *

GLUCOSE GOD-PAP

NAME: GLUC GOD METHOD NUMBER 24

²TYPE: EP/RB
REFERENCE STANDARD
UNITS : MG/DL
TEMPERATURE : 25
LAG TIME : 3
MEASURE TIME : 0
VOLUME : 5
PEAK WL : 505
L:LIMIT 70
H:LIMIT 115
DEP: RATE -
PLACE FLOWCELL
STANDARD : **

*) Enter calibrator or standard value

**) The factor must be checked by a calibration serum

GLUCOSE HEXOKINASE (SAMPLE START)

NAME: GLUC HEXO METHOD NUMBER 25

TYPE: EP/RB
REFERENCE STANDARD
UNITS : MG/DL
TEMPERATURE : 25
LAG TIME : 3
MEASURE TIME : 0
VOLUME : 5
PEAK WL : 340
L:LIMIT 70
H:LIMIT 115
DEP: RATE -
PLACE FLOWCELL
STANDARD : **

IRON FERRENE (SUBSTRATE START)

NAME: IRON METHOD NUMBER 29

TYPE: EP/SB
REFERENCE STANDARD
UNITS : MG/DL
TEMPERATURE : 25
LAG TIME : 3
MEASURE TIME : 0
VOLUME : 5
PEAK WL : 620
L:LIMIT 23
H:LIMIT 168
DEP: RATE -
PLACE FLOWCELL
STANDARD : **

GOT (AST) (SAMPLE START)

NAME: GOT METHOD NUMBER 26

TYPE: KINETICS
REFERENCE FACTOR
UNITS : U/L
TEMPERATURE : 3/
LAG TIME : 60
MEASURE TIME : 180
VOLUME : 5
PEAK WL : 340
L:LIMIT 0
H:LIMIT 37
DEP: RATE 0.160
PLACE FLOWCELL
FACTOR : 1745 *

LDH-L IFCC (SAMPLE START)

NAME: LDH-L METHOD NUMBER 30

TYPE: KINETICS
REFERENCE FACTOR
UNITS : U/L
TEMPERATURE : 3/
LAG TIME : 30
MEASURE TIME : 180
VOLUME : 5
PEAK WL : 340
L:LIMIT 132
H:LIMIT 228
DEP: RATE 0.150
PLACE FLOWCELL
FACTOR : 6508 *

GPT (ALT) (SAMPLE START)

NAME: GPT METHOD NUMBER 2/
TYPE: KINETICS
REFERENCE FACTOR
UNITS : U/L
TEMPERATURE : 3/
LAG TIME : 60
MEASURE TIME : 180
VOLUME : 5
PEAK WL : 340
L:LIMIT 0
H:LIMIT 41
DEP: RATE 0.160
PLACE FLOWCELL
FACTOR : 1745 *

LDH-P IFCC (SAMPLE START)

NAME: LDH-P METHOD NUMBER 31

TYPE: KINETICS
REFERENCE FACTOR
UNITS : U/L
TEMPERATURE : 3/
LAG TIME : 60
MEASURE TIME : 180
VOLUME : 5
PEAK WL : 340
L:LIMIT 0
H:LIMIT 480
DEP: RATE 0.150
PLACE FLOWCELL
FACTOR : 16030 *

α -HBDH (SAMPLE START)

NAME: HBDH METHOD NUMBER 28

TYPE: KINETICS
REFERENCE FACTOR
UNITS : U/L
TEMPERATURE : 3/
LAG TIME : 60
MEASURE TIME : 180
VOLUME : 5
PEAK WL : 340
L:LIMIT 0
H:LIMIT 182
DEP: RATE 0.150
PLACE FLOWCELL
FACTOR : 16030 *

LIPASE ENZYMATIC COLORIMETRIC (SUBSTRATE START)

NAME: LDH-L METHOD NUMBER 32

TYPE: KINETICS
REFERENCE FACTOR
UNITS : U/L
TEMPERATURE : 3/
LAG TIME : 120
MEASURE TIME : 120
VOLUME : 5
PEAK WL : 550
L:LIMIT 0
H:LIMIT 60
DEP: RATE 0.500
PLACE FLOWCELL
FACTOR : **

*) Enter calibrator or standard value

**) The factor must be checked by a calibration serum

MAGNESIUM XYLIDYL BLUE

NAME: MAGNESIUM METHOD NUMBER 33

TYPE: EP/RB
REFERENCE STANDARD
UNITS : MG/DL
TEMPERATURE : 25
LAG TIME : 3
MEASURE TIME : 0
VOLUME : 5
PEAK WL : 505
L:LIMIT 1.8
H:LIMIT 2.6
DEP: RATE -
PLACE FLOWCELL
STANDARD : **

TRIGLYCERIDES GPO-PAP

NAME: TRIGLYC METHOD NUMBER 37

TYPE: EP/RB
REFERENCE STANDARD
UNITS : MG/DL
TEMPERATURE : 25
LAG TIME : 3
MEASURE TIME : 0
VOLUME : 5
PEAK WL : 550
L:LIMIT 0
H:LIMIT 200
DEP: RATE -
PLACE FLOWCELL
STANDARD : **

PANCREAS-AMYLASE (SUBSTRATE START)

NAME: PANCR:AMY METHOD NUMBER 34

TYPE: KINETICS
REFERENCE FACTOR
UNITS : U/L
TEMPERATURE : 3/
LAG TIME : 120
MEASURE TIME : 180
VOLUME : 5
PEAK WL : 405
L:LIMIT 8
H:LIMIT 53
DEP: RATE 0.350
PLACE FLOWCELL
FACTOR : 6414*

UREA UV AUTO (SAMPLE START)

NAME: UREA UV METHOD NUMBER 38

²TYPE: 2 POINTS
REFERENCE STANDARD
UNITS : MG/DL
TEMPERATURE : 37
LAG TIME : 40
MEASURE TIME : 60
VOLUME : 5
PEAK WL : 340
L:LIMIT 17
H:LIMIT 43
DEP: RATE 0.5
PLACE FLOWCELL
STANDARD : **

PHOSPHORUS INORGANIC

NAME: PHOSPHORUS METHOD NUMBER 35

TYPE: EP/RB
REFERENCE STANDARD
UNITS : MG/DL
TEMPERATURE : 25
LAG TIME : 3
MEASURE TIME : 0
VOLUME : 5
PEAK WL : 340
L:LIMIT 2.6
H:LIMIT 4.5
DEP: RATE -
PLACE FLOWCELL
STANDARD : **

URIC ACID AOX (SUBSTRATE START)

NAME: URAC AOX METHOD NUMBER 39

TYPE: EP/RB
REFERENCE STANDARD
UNITS : MG/DL
TEMPERATURE : 25
LAG TIME : 3
MEASURE TIME : 0
VOLUME : 5
PEAK WL : 550
L:LIMIT 2.3
H:LIMIT 8.2
DEP: RATE -
PLACE FLOWCELL
STANDARD : **

PROTEIN TOTAL BIURET (SAMPLE START)

NAME: PROT.TOTAL METHOD NUMBER 36

TYPE: EP/RB
REFERENCE STANDARD
UNITS : MG/DL
TEMPERATURE : 25
LAG TIME : 3
MEASURE TIME : 0
VOLUME : 5
PEAK WL : 550
L:LIMIT 6.6
H:LIMIT 8.8
DEP: RATE -
PLACE FLOWCELL
STANDARD : **

URIC ACID TBHBA (SUBSTRATE START)

NAME: URAC TBHBA METHOD NUMBER 40

TYPE: EP/RB
REFERENCE STANDARD
UNITS : MG/DL
TEMPERATURE : 25
LAG TIME : 3
MEASURE TIME : 0
VOLUME : 5
PEAK WL : 550
L:LIMIT 2.3
H:LIMIT 8.2
DEP: RATE -
PLACE FLOWCELL
STANDARD : **

*) Enter calibrator or standard value

**) The factor must be checked by a calibration serum.