



Tokyo-Boeki Prestige 24i - Biolis 24i instructions

rev 424.0.2 - 2010-08-01

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D I A G N O S T I C A

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## Tokyo-Boeki Prestige 24i - Biolis 24i instructions

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### 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: Biolis 24 - Prestige 24i**

Application: **ACID PHOSPHATASE (TOTAL)** - Codes AC 0120 TC

Preparation: POWDER SINGLE REAGENT.

FOLLOW PREPARATION PROGRAM INDICATED IN INSERT SHEET.

Storage: REFRIGERATE AT 2-8°C

Stability: 10 DAYS

ITEM NAME	#	ACP
<b>DATA INFORMATION</b>		
UNITS	U/L	
DECIMALS	1	
<b>ANALYSIS</b>		
TYPE	RATE	
MAIN WAVELENGTH 1	405	
SUB WAVELENGTH 2	700	
METHOD	HILLMAN	
<b>CORRELATION</b>		
Y=	SLOPE	X+
	1	0
<b>CALIBRATION</b>		
TYPE	LINEAR	
<b>STANDARD</b>		
#1	USER DEFINED	#4
#2	USER DEFINED	#5
#3		#6
<b>NORMAL RANGE</b>		
	MALE	
	LOW	HIGH
	0.0	9.0
	FEMALE	
	LOW	HIGH
	0.0	0.0
SERUM		
URINE		
PLASMA		
CSF		
DIALYSIS		
OTHER		

<b>ASPIRATION</b>		<b>DATA PROCESS READ</b>			<b>ABSORBANCE LIMIT</b>	
KIND	SINGLE		START	END	LOW	-0.010
	VOLUME	MAIN	26	41	HIGH	2.500
SAMPLE	25					
REAGENT 1 VOL	250					
REAGENT 2	0					
THIRD MIX	OFF	<b>FACTOR</b>		END POINT LIMIT		
R1 BLANK	WATER BLANK	BLANK CORRECTION	1	LINEAR CHECK(%)		40
<b>MONITOR</b>		<b>PROZONE CHECK</b>				
O LEVEL POINT	1		START	END	LIMIT(%)	
SPAN	3	FIRST				
		SECOND				LOW
		THIRD				LOW

<b>AUTO RETURN SW</b>			<b>AUTO RETURN CONDITION (ABSORBANCE)</b>	
	OFF		<b>ABSORBANCE RANGE</b>	
			LOWER	OFF
			HIGHER	OFF
<b>AUTO RETURN RANGE</b>			<b>PROZONE RANGE</b>	
	OFF	OFF	OFF	
	LOWER	HIGHER		
SERUM	0	75		
URINE				
PLASMA				
CSF				
DIALYSIS				
OTHER				

**Analyzer: Biolis 24 - Prestige 24i**

Application: **ACID PHOSPHATASE (NON PROSTATIC)** - Codes AC 0120 TC  
 Preparation: POWDER SINGLE REAGENT. FOLLOW PREPARATION PROGRAM INDICATED IN INSERT SHEET. ADD THE RIGHT QUANTITY OF L-TARTRATE.  
 Storage: REFRIGERATE AT 2-8°C  
 Stability: 10 DAYS

ITEM NAME	#	ACP
<b>DATA INFORMATION</b>		
UNITS	U/L	
DECIMALS	1	
<b>ANALYSIS</b>		
TYPE	RATE	
MAIN WAVELENGTH 1	405	
SUB WAVELENGTH 2	700	
METHOD	HILLMAN	
<b>CORRELATION</b>		
Y=	SLOPE	X+
	1	0
<b>CALIBRATION</b>		
TYPE	LINEAR	
<b>STANDARD</b>		
#1	USER DEFINED	#4
#2	USER DEFINED	#5
#3		#6
<b>NORMAL RANGE</b>		
	MALE	
	LOW	HIGH
	0.0	9.0
	FEMALE	
	LOW	HIGH
	0.0	0.0
SERUM		
URINE		
PLASMA		
CSF		
DIALYSIS		
OTHER		

<b>ASPIRATION</b>		<b>DATA PROCESS READ</b>			<b>ABSORBANCE LIMIT</b>	
KIND	SINGLE		START	END	LOW	-0.010
	VOLUME	MAIN	26	41	HIGH	2.500
SAMPLE	25					
REAGENT 1 VOL	250					
REAGENT 2	0					
THIRD MIX	OFF	<b>FACTOR</b>		END POINT LIMIT		
R1 BLANK	WATER BLANK	BLANK CORRECTION	1	LINEAR CHECK(%)		40
<b>MONITOR</b>		<b>PROZONE CHECK</b>				
O LEVEL POINT	1		START	END	LIMIT(%)	
SPAN	3	FIRST				
		SECOND				LOW
		THIRD				LOW

<b>AUTO RETURN SW</b>			<b>AUTO RETURN CONDITION (ABSORBANCE)</b>	
	OFF		<b>ABSORBANCE RANGE</b>	
			LOWER	OFF
			HIGHER	OFF
<b>AUTO RETURN RANGE</b>			<b>PROZONE RANGE</b>	
	OFF	OFF	OFF	
	LOWER	HIGHER		
SERUM	0	75		
URINE				
PLASMA				
CSF				
DIALYSIS				
OTHER				

**Analyzer: Biolis 24 - Prestige 24i**

Application: **ALBUMIN** - Codes BC 0100/ 0500 / 1000 / 1500 CH

Preparation: **LIQUID READY TO USE SINGLE REAGENT**

Storage: **ROOM TEMPERATURE (2-30°C)**

Stability: **UP TO DECLARED EXPIRATION ON REAGENT LABEL**

ITEM NAME	#	ALB		
<b>DATA INFORMATION</b>				
UNITS	g/dl			
DECIMALS	2			
<b>ANALYSIS</b>				
TYPE	END			
MAIN WAVELENGTH 1	600			
SUB WAVELENGTH 2	700			
METHOD	BCG			
<b>CORRELATION</b>				
Y=	SLOPE	X+	INTER	
	1		0	
<b>CALIBRATION</b>				
TYPE	LINEAR			
<b>STANDARD</b>				
#1	USER DEFINED	#4		
#2	USER DEFINED	#5		
#3		#6		
<b>NORMAL RANGE</b>				
	<b>MALE</b>		<b>FEMALE</b>	
	<b>LOW</b>	<b>HIGH</b>	<b>LOW</b>	<b>HIGH</b>
SERUM	4.20	5.50	3.70	5.30
URINE				
PLASMA				
CSF				
DIALYSIS				
OTHER				

<b>ASPIRATION</b>		<b>DATA PROCESS READ</b>			<b>ABSORBANCE LIMIT</b>	
KIND	SINGLE		<b>START</b>	<b>END</b>	LOW	-0.010
	VOLUME	MAIN	20	22	HIGH	1.000
SAMPLE	3					
REAGENT 1 VOL	300					
REAGENT 2	0					
THIRD MIX	OFF	<b>FACTOR</b>		END POINT LIMIT	0.010	
R1 BLANK	WATER BLANK	BLANK CORRECTION	1	LINEAR CHECK(%)		
<b>MONITOR</b>		<b>PROZONE CHECK</b>				
O LEVEL POINT	1		START	END	LIMIT(%)	
SPAN	3	FIRST				
		SECOND				LOW
		THIRD				LOW

<b>AUTO RETURN SW</b>			<b>AUTO RETURN CONDITION (ABSORBANCE)</b>	
	OFF		<b>ABSORBANCE RANGE</b>	
			LOWER	OFF
			HIGHER	OFF
	<b>AUTO RETURN RANGE</b>		<b>PROZONE RANGE</b>	
	OFF	OFF	OFF	
	LOWER	HIGHER		
SERUM	1.00	6.00		
URINE				
PLASMA				
CSF				
DIALYSIS				
OTHER				

**Analyzer: Biolis 24 - Prestige 24i**

Application: **ALKALINE PHOSPHATASE FL (DGKC)** - Codes AL F080 / F245 / F400 / F600 CH

Preparation: REAGENT # 1 - USE REAGENT A

REAGENT # 2 - USE REAGENT B

Storage: REFRIGERATE AT 2-8°C

Stability: UNTIL EXPIRATION DATE ON LABEL

ITEM NAME	#	ALP	
<b>DATA INFORMATION</b>			
UNITS	U/L		
DECIMALS	0		
<b>ANALYSIS</b>			
TYPE	RATE		
MAIN WAVELENGTH 1	405		
SUB WAVELENGTH 2	700		
METHOD	DGKC		
<b>CORRELATION</b>			
Y=	SLOPE	X+	INTER
	1		0
<b>CALIBRATION</b>			
TYPE	LINEAR		
<b>STANDARD</b>			
#1	USER DEFINED	#4	
#2	USER DEFINED	#5	
#3		#6	
<b>NORMAL RANGE</b>			
	MALE		FEMALE
	LOW	HIGH	LOW HIGH
SERUM	0	270	0 240
URINE			
PLASMA			
CSF			
DIALYSIS			
OTHER			

<b>ASPIRATION</b>		<b>DATA PROCESS READ</b>			<b>ABSORBANCE LIMIT</b>	
KIND	DOUBLE		START	END	LOW	-0.010
	VOLUME	MAIN	37	41	HIGH	1.800
SAMPLE	4					
REAGENT 1 VOL	160					
REAGENT 2	40					
THIRD MIX	OFF	<b>FACTOR</b>		END POINT LIMIT		
R1 BLANK	WATER BLANK	BLANK CORRECTION	1	LINEAR CHECK(%)		40
<b>MONITOR</b>		<b>PROZONE CHECK</b>				
O LEVEL POINT	1		START	END	LIMIT(%)	
SPAN	3	FIRST				
		SECOND				LOW
		THIRD				LOW

<b>AUTO RETURN SW</b>			<b>AUTO RETURN CONDITION (ABSORBANCE)</b>	
	OFF		<b>ABSORBANCE RANGE</b>	
			LOWER	OFF
			HIGHER	OFF
<b>AUTO RETURN RANGE</b>			<b>PROZONE RANGE</b>	
	OFF	OFF	OFF	
	LOWER	HIGHER		
SERUM	10	3000		
URINE				
PLASMA				
CSF				
DIALYSIS				
OTHER				

**Analyzer: Biolis 24 - Prestige 24i**

Application: **ALKALINE PHOSPHATASE FL (IFCC)** - Codes AF F080 / F245 / F400 / F600 CH

Preparation: REAGENT # 1 - USE REAGENT A  
REAGENT # 2 - USE REAGENT B

Storage: REFRIGERATE AT 2-8°C

Stability: UNTIL EXPIRATION DATE ON LABEL

ITEM NAME	#	ALP	
<b>DATA INFORMATION</b>			
UNITS	U/L		
DECIMALS	0		
<b>ANALYSIS</b>			
TYPE	RATE		
MAIN WAVELENGTH 1	405		
SUB WAVELENGTH 2	700		
METHOD	IFCC		
<b>CORRELATION</b>			
Y=	SLOPE	X+	INTER
	1		0
<b>CALIBRATION</b>			
TYPE	LINEAR		
<b>STANDARD</b>			
#1	USER DEFINED	#4	
#2	USER DEFINED	#5	
#3		#6	
<b>NORMAL RANGE</b>			
	MALE		FEMALE
	LOW	HIGH	LOW HIGH
SERUM	35	104	40 129
URINE			
PLASMA			
CSF			
DIALYSIS			
OTHER			

<b>ASPIRATION</b>		<b>DATA PROCESS READ</b>			<b>ABSORBANCE LIMIT</b>	
KIND	DOUBLE		START	END	LOW	-0.010
	VOLUME	MAIN	37	41	HIGH	1.800
SAMPLE	4					
REAGENT 1 VOL	160					
REAGENT 2	40					
THIRD MIX	OFF	<b>FACTOR</b>		END POINT LIMIT		
R1 BLANK	WATER BLANK	BLANK CORRECTION	1	LINEAR CHECK(%)		40
<b>MONITOR</b>		<b>PROZONE CHECK</b>				
O LEVEL POINT	1		START	END	LIMIT(%)	
SPAN	3	FIRST				
		SECOND				LOW
		THIRD				LOW

<b>AUTO RETURN SW</b>			<b>AUTO RETURN CONDITION (ABSORBANCE)</b>	
	OFF		<b>ABSORBANCE RANGE</b>	
			LOWER	OFF
			HIGHER	OFF
<b>AUTO RETURN RANGE</b>			<b>PROZONE RANGE</b>	
	OFF	OFF	OFF	
	LOWER	HIGHER		
SERUM	10	3000		
URINE				
PLASMA				
CSF				
DIALYSIS				
OTHER				



**Analyzer: Biolis 24 - Prestige 24i**

Application: **AMYLASE FL** - Codes AM F060 / F120 / F245 CH

Preparation: **LIQUID READY TO USE SINGLE REAGENT**

Storage: **REFRIGERATE AT 2-8°C**

Stability: **UNTIL EXPIRATION DATE ON LABEL**

ITEM NAME	#	AMY		
<b>DATA INFORMATION</b>				
UNITS	U/L			
DECIMALS	0			
<b>ANALYSIS</b>				
TYPE	RATE			
MAIN WAVELENGTH 1	405			
SUB WAVELENGTH 2	700			
METHOD	CNP3			
<b>CORRELATION</b>				
Y=	SLOPE	X+	INTER	
	1		0	
<b>CALIBRATION</b>				
TYPE	LINEAR			
<b>STANDARD</b>				
#1	USER DEFINED	#4		
#2	USER DEFINED	#5		
#3		#6		
<b>NORMAL RANGE</b>				
	<b>MALE</b>		<b>FEMALE</b>	
	<b>LOW</b>	<b>HIGH</b>	<b>LOW</b>	<b>HIGH</b>
SERUM	0	96	0	96
URINE	0	480	0	480
PLASMA				
CSF				
DIALYSIS				
OTHER				

<b>ASPIRATION</b>		<b>DATA PROCESS READ</b>			<b>ABSORBANCE LIMIT</b>	
KIND	SINGLE		<b>START</b>	<b>END</b>	LOW	-0.010
	VOLUME	MAIN	22	28	HIGH	1.800
SAMPLE	5					
REAGENT 1 VOL	200					
REAGENT 2	0					
THIRD MIX	OFF	<b>FACTOR</b>		END POINT LIMIT		
R1 BLANK	WATER BLANK	BLANK CORRECTION	1	LINEAR CHECK(%)		40
<b>MONITOR</b>		<b>PROZONE CHECK</b>				
O LEVEL POINT	1		START	END	LIMIT(%)	
SPAN	3	FIRST				
		SECOND				LOW
		THIRD				LOW

<b>AUTO RETURN SW</b>			<b>AUTO RETURN CONDITION (ABSORBANCE)</b>	
	OFF		<b>ABSORBANCE RANGE</b>	
			LOWER	OFF
			HIGHER	OFF
	<b>AUTO RETURN RANGE</b>		<b>PROZONE RANGE</b>	
	OFF	OFF	OFF	
	LOWER	HIGHER		
SERUM	3	2000		
URINE				
PLASMA				
CSF				
DIALYSIS				
OTHER				

**Analyzer: Biolis 24 - Prestige 24i**

Application: **AMYLASE EPS FL** - Codes EA F080 / F245 CH

Preparation: REAGENT # 1 - USE REAGENT A

REAGENT # 2 - USE REAGENT B

Storage: REFRIGERATE AT 2-8°C

Stability: UNTIL EXPIRATION DATE ON LABEL

ITEM NAME	#	AMY	
<b>DATA INFORMATION</b>			
UNITS	U/L		
DECIMALS	0		
<b>ANALYSIS</b>			
TYPE	RATE		
MAIN WAVELENGTH 1	405		
SUB WAVELENGTH 2	700		
METHOD	IFCC		
<b>CORRELATION</b>			
Y=	SLOPE	X+	INTER
	1		0
<b>CALIBRATION</b>			
TYPE	LINEAR		
<b>STANDARD</b>			
#1	USER DEFINED	#4	
#2	USER DEFINED	#5	
#3		#6	
<b>NORMAL RANGE</b>			
	MALE		FEMALE
	LOW	HIGH	LOW HIGH
SERUM	28	100	28 100
URINE	0	460	0 460
PLASMA			
CSF			
DIALYSIS			
OTHER			

<b>ASPIRATION</b>		<b>DATA PROCESS READ</b>			<b>ABSORBANCE LIMIT</b>	
KIND	DOUBLE		START	END	LOW	-0.010
	VOLUME	MAIN	38	50	HIGH	1.800
SAMPLE	6					
REAGENT 1 VOL	160					
REAGENT 2	40					
THIRD MIX	OFF	<b>FACTOR</b>		END POINT LIMIT		
R1 BLANK	WATER BLANK	BLANK CORRECTION	1	LINEAR CHECK(%)		40
<b>MONITOR</b>		<b>PROZONE CHECK</b>				
O LEVEL POINT	1		START	END	LIMIT(%)	
SPAN	3	FIRST				
		SECOND				LOW
		THIRD				LOW

<b>AUTO RETURN SW</b>			<b>AUTO RETURN CONDITION (ABSORBANCE)</b>	
	OFF		<b>ABSORBANCE RANGE</b>	
			LOWER	OFF
			HIGHER	OFF
<b>AUTO RETURN RANGE</b>			<b>PROZONE RANGE</b>	
	OFF	OFF	OFF	
	LOWER	HIGHER		
SERUM	3	2500		
URINE				
PLASMA				
CSF				
DIALYSIS				
OTHER				

**Analyzer: Biolis 24 - Prestige 24i**

Application: **PANCREATIC ISOAMYLASE FL** - Code PA F080 / F245 CH

Preparation: REAGENT # 1 - USE REAGENT A

REAGENT # 2 - USE REAGENT B

Storage: REFRIGERATE AT 2-8°C

Stability: UNTIL EXPIRATION DATE ON LABEL

ITEM NAME	#	AMYP		
<b>DATA INFORMATION</b>				
UNITS		U/L		
DECIMALS		0		
<b>ANALYSIS</b>				
TYPE		RATE		
MAIN WAVELENGTH 1		405		
SUB WAVELENGTH 2		700		
METHOD		IFCC		
<b>CORRELATION</b>				
Y=	SLOPE	X+		
	1	0		
<b>CALIBRATION</b>				
TYPE		LINEAR		
<b>STANDARD</b>				
#1	USER DEFINED	#4		
#2	USER DEFINED	#5		
#3		#6		
<b>NORMAL RANGE</b>				
	MALE		FEMALE	
	LOW	HIGH	LOW	HIGH
SERUM	13	53	13	53
URINE	0	350	0	350
PLASMA				
CSF				
DIALYSIS				
OTHER				

<b>ASPIRATION</b>		<b>DATA PROCESS READ</b>			<b>ABSORBANCE LIMIT</b>	
KIND	DOUBLE		START	END	LOW	-0.010
	VOLUME	MAIN	38	50	HIGH	1.800
SAMPLE	4					
REAGENT 1 VOL	160					
REAGENT 2	40					
THIRD MIX	OFF	<b>FACTOR</b>		END POINT LIMIT		
R1 BLANK	WATER BLANK	BLANK CORRECTION	1	LINEAR CHECK(%)		40
<b>MONITOR</b>		<b>PROZONE CHECK</b>				
O LEVEL POINT	1		START	END	LIMIT(%)	
SPAN	3	FIRST				
		SECOND				LOW
		THIRD				LOW

<b>AUTO RETURN SW</b>			<b>AUTO RETURN CONDITION (ABSORBANCE)</b>	
	OFF		<b>ABSORBANCE RANGE</b>	
			LOWER	OFF
			HIGHER	OFF
<b>AUTO RETURN RANGE</b>			<b>PROZONE RANGE</b>	
	OFF	OFF	OFF	
	LOWER	HIGHER		
SERUM	3	2500		
URINE				
PLASMA				
CSF				
DIALYSIS				
OTHER				

**Analyzer: Biolis 24 - Prestige 24i**

Application: **BICARBONATE FL** - Code BR F060 / F245 / F400 CH

Preparation: LIQUID REAGENT READY TO USE

Storage: REFRIGERATE AT 2-8°C

Stability: UNTIL EXPIRATION DATE ON LABEL

ITEM NAME	#	CO2
<b>DATA INFORMATION</b>		
UNITS	mEq/L	
DECIMALS	1	
<b>ANALYSIS</b>		
TYPE	END	
MAIN WAVELENGTH 1	405	
SUB WAVELENGTH 2	700	
METHOD	PEPC	
<b>CORRELATION</b>		
Y=	SLOPE	X+
	1	0
<b>CALIBRATION</b>		
TYPE	LINEAR	
<b>STANDARD</b>		
#1	USER DEFINED	#4
#2	USER DEFINED	#5
#3		#6
<b>NORMAL RANGE</b>		
	MALE	
	LOW	HIGH
	22	29
	FEMALE	
	LOW	HIGH
	22	29
SERUM		
URINE		
PLASMA		
CSF		
DIALYSIS		
OTHER		

<b>ASPIRATION</b>		<b>DATA PROCESS READ</b>			<b>ABSORBANCE LIMIT</b>	
KIND	SINGLE		START	END	LOW	-0.010
	VOLUME	MAIN	20	22	HIGH	1.000
SAMPLE	3					
REAGENT 1 VOL	300					
REAGENT 2	0					
THIRD MIX	OFF	<b>FACTOR</b>		END POINT LIMIT	0.010	
R1 BLANK	WATER BLANK	BLANK CORRECTION	1	LINEAR CHECK(%)		
<b>MONITOR</b>		<b>PROZONE CHECK</b>				
O LEVEL POINT	1		START	END	LIMIT(%)	
SPAN	3	FIRST				
		SECOND				LOW
		THIRD				LOW

<b>AUTO RETURN SW</b>			<b>AUTO RETURN CONDITION (ABSORBANCE)</b>	
	OFF		<b>ABSORBANCE RANGE</b>	
			LOWER	OFF
			HIGHER	OFF
	<b>AUTO RETURN RANGE</b>		<b>PROZONE RANGE</b>	
	OFF	OFF	OFF	
	LOWER	HIGHER		
SERUM	5	50		
URINE				
PLASMA				
CSF				
DIALYSIS				
OTHER				

**Analyzer: Biolis 24 - Prestige 24i**

Application: **TOTAL BILIRUBIN FL** - Code DT F125 / F500 CH

Preparation: REAGENT # 1 - USE REAGENT A  
REAGENT # 2 - USE REAGENT B

Storage: REFRIGERATE AT 2-8°C

Stability: UNTIL EXPIRATION DATE ON LABEL

ITEM NAME	#	BILIT	
<b>DATA INFORMATION</b>			
UNITS	mg/dl		
DECIMALS	1		
<b>ANALYSIS</b>			
TYPE	END		
MAIN WAVELENGTH 1	505		
SUB WAVELENGTH 2	700		
METHOD	DCA		
<b>CORRELATION</b>			
Y=	SLOPE	X+	INTER
	1		0
<b>CALIBRATION</b>			
TYPE	LINEAR		
<b>STANDARD</b>			
#1	USER DEFINED	#4	
#2	USER DEFINED	#5	
#3		#6	
<b>NORMAL RANGE</b>			
	MALE		FEMALE
	LOW	HIGH	LOW HIGH
SERUM	0.20	1.00	0.20 1.00
URINE			
PLASMA			
CSF			
DIALYSIS			
OTHER			

<b>ASPIRATION</b>		<b>DATA PROCESS READ</b>			<b>ABSORBANCE LIMIT</b>	
KIND	DOUBLE		START	END	LOW	-0.010
	VOLUME	MAIN	53	54	HIGH	3.000
SAMPLE	12	SUB	30	31		
REAGENT 1 VOL	200					
REAGENT 2	50					
THIRD MIX	OFF	<b>FACTOR</b>		END POINT LIMIT	0.010	
R1 BLANK	WATER BLANK	BLANK CORRECTION	1	LINEAR CHECK(%)		
<b>MONITOR</b>		<b>PROZONE CHECK</b>				
O LEVEL POINT	1		START	END	LIMIT(%)	
SPAN	3	FIRST				
		SECOND				LOW
		THIRD				LOW

<b>AUTO RETURN SW</b>			<b>AUTO RETURN CONDITION (ABSORBANCE)</b>	
	OFF		<b>ABSORBANCE RANGE</b>	
			LOWER	OFF
			HIGHER	OFF
	<b>AUTO RETURN RANGE</b>		<b>PROZONE RANGE</b>	
	OFF	OFF	OFF	
	LOWER	HIGHER		
SERUM	0	20		
URINE				
PLASMA				
CSF				
DIALYSIS				
OTHER				

**Analyzer: Biolis 24 - Prestige 24i**

Application: **DIRECT BILIRUBIN FL** - Code DD F125 / F500 CH

Preparation: REAGENT # 1 - USE REAGENT A

REAGENT # 2 - USE REAGENT B

Storage: REFRIGERATE AT 2-8°C

Stability: UNTIL EXPIRATION DATE ON LABEL

ITEM NAME	#	BILID	
<b>DATA INFORMATION</b>			
UNITS	mg/dl		
DECIMALS	1		
<b>ANALYSIS</b>			
TYPE	END		
MAIN WAVELENGTH 1	546		
SUB WAVELENGTH 2	700		
METHOD	DCA		
<b>CORRELATION</b>			
Y=	SLOPE	X+	INTER
	1		0
<b>CALIBRATION</b>			
TYPE	LINEAR		
<b>STANDARD</b>			
#1	USER DEFINED	#4	
#2	USER DEFINED	#5	
#3		#6	
<b>NORMAL RANGE</b>			
	MALE		FEMALE
	LOW	HIGH	LOW HIGH
SERUM	0.00	0.20	0.00 0.20
URINE			
PLASMA			
CSF			
DIALYSIS			
OTHER			

<b>ASPIRATION</b>		<b>DATA PROCESS READ</b>			<b>ABSORBANCE LIMIT</b>	
KIND	DOUBLE		START	END	LOW	-0.010
	VOLUME	MAIN	53	54	HIGH	3.000
SAMPLE	12	SUB	30	31		
REAGENT 1 VOL	200					
REAGENT 2	50					
THIRD MIX	OFF	<b>FACTOR</b>		END POINT LIMIT	0.010	
R1 BLANK	WATER BLANK	BLANK CORRECTION	1	LINEAR CHECK(%)		
<b>MONITOR</b>		<b>PROZONE CHECK</b>				
O LEVEL POINT	1		START	END	LIMIT(%)	
SPAN	3	FIRST				
		SECOND				LOW
		THIRD				LOW

<b>AUTO RETURN SW</b>			<b>AUTO RETURN CONDITION (ABSORBANCE)</b>	
	OFF		<b>ABSORBANCE RANGE</b>	
			LOWER	OFF
			HIGHER	OFF
<b>AUTO RETURN RANGE</b>			<b>PROZONE RANGE</b>	
	OFF	OFF	OFF	
	LOWER	HIGHER		
SERUM	0	13		
URINE				
PLASMA				
CSF				
DIALYSIS				
OTHER				

**Analyzer: Biolis 24 - Prestige 24i**

Application: **CALCIUM** - Code CA 0305 / 0505 CH

Preparation: REAGENT # 1 - USE REAGENT A

REAGENT # 2 - USE REAGENT B

Storage: REFRIGERATE AT 2-8°C

Stability: UNTIL EXPIRATION DATE ON LABEL

ITEM NAME	#	CA		
<b>DATA INFORMATION</b>				
UNITS	mg/dl			
DECIMALS	2			
<b>ANALYSIS</b>				
TYPE	END			
MAIN WAVELENGTH 1	570			
SUB WAVELENGTH 2	700			
METHOD	OCP			
<b>CORRELATION</b>				
Y=	SLOPE 1	X+ INTER 0		
<b>CALIBRATION</b>				
TYPE	LINEAR			
<b>STANDARD</b>				
#1	USER DEFINED	#4		
#2	USER DEFINED	#5		
#3		#6		
<b>NORMAL RANGE</b>				
	MALE		FEMALE	
	LOW	HIGH	LOW	HIGH
SERUM	8.60	10.30	8.60	10.30
URINE				
PLASMA				
CSF				
DIALYSIS				
OTHER				

<b>ASPIRATION</b>		<b>DATA PROCESS READ</b>			<b>ABSORBANCE LIMIT</b>	
KIND	DOUBLE		START	END	LOW	-0.010
	VOLUME	MAIN	40	42	HIGH	3.000
SAMPLE	5					
REAGENT 1 VOL	150					
REAGENT 2	150					
THIRD MIX	OFF	<b>FACTOR</b>		END POINT LIMIT	0.010	
R1 BLANK	WATER BLANK	BLANK CORRECTION	1	LINEAR CHECK(%)		
<b>MONITOR</b>		<b>PROZONE CHECK</b>				
O LEVEL POINT	1		START	END	LIMIT(%)	
SPAN	3	FIRST				
		SECOND				LOW
		THIRD				LOW

<b>AUTO RETURN SW</b>			<b>AUTO RETURN CONDITION (ABSORBANCE)</b>	
	OFF		<b>ABSORBANCE RANGE</b>	
			LOWER	OFF
			HIGHER	OFF
<b>AUTO RETURN RANGE</b>			<b>PROZONE RANGE</b>	
	OFF	OFF	OFF	
	LOWER	HIGHER		
SERUM	0	20		
URINE				
PLASMA				
CSF				
DIALYSIS				
OTHER				

**Analyzer: Biolis 24 - Prestige 24i**

Application: **CALCIUM ASX** - Code CA 0100 / 0500 CH

Preparation: LIQUID REAGENT READY TO USE

Storage: ROOM TEMPERATURE (2-30°C)

Stability: UNTIL EXPIRATION DATE ON LABEL

ITEM NAME	#	CA		
<b>DATA INFORMATION</b>				
UNITS	mg/dl			
DECIMALS	2			
<b>ANALYSIS</b>				
TYPE	END			
MAIN WAVELENGTH 1	660			
SUB WAVELENGTH 2				
METHOD	ARSENAZO			
<b>CORRELATION</b>				
Y=	SLOPE	X+ INTER		
	1	0		
<b>CALIBRATION</b>				
TYPE	LINEAR			
<b>STANDARD</b>				
#1	USER DEFINED	#4		
#2	USER DEFINED	#5		
#3		#6		
<b>NORMAL RANGE</b>				
	MALE		FEMALE	
	LOW	HIGH	LOW	HIGH
SERUM	8.60	10.30	8.60	10.30
URINE				
PLASMA				
CSF				
DIALYSIS				
OTHER				

<b>ASPIRATION</b>		<b>DATA PROCESS READ</b>			<b>ABSORBANCE LIMIT</b>	
KIND	SINGLE		START	END	LOW	-0.010
	VOLUME	MAIN	40	42	HIGH	3.000
SAMPLE	3					
REAGENT 1 VOL	300					
REAGENT 2	0					
THIRD MIX	OFF	<b>FACTOR</b>		END POINT LIMIT	0.010	
R1 BLANK	WATER BLANK	BLANK CORRECTION	1	LINEAR CHECK(%)		
<b>MONITOR</b>		<b>PROZONE CHECK</b>				
O LEVEL POINT	1		START	END	LIMIT(%)	
SPAN	3	FIRST				
		SECOND				LOW
		THIRD				LOW

<b>AUTO RETURN SW</b>			<b>AUTO RETURN CONDITION (ABSORBANCE)</b>	
	OFF		<b>ABSORBANCE RANGE</b>	
			LOWER	OFF
			HIGHER	OFF
<b>AUTO RETURN RANGE</b>			<b>PROZONE RANGE</b>	
	OFF	OFF	OFF	
	LOWER	HIGHER		
SERUM	0	20		
URINE				
PLASMA				
CSF				
DIALYSIS				
OTHER				



**Analyzer: Biolis 24 - Prestige 24i**

Application: **CHLORIDE** - Code CL 0100 / 0500 CH  
 Preparation: LIQUID READY TO USE SINGLE REAGENT  
 Storage: ROOM TEMPERATURE (2-30°C)  
 Stability: UNTIL EXPIRATION DATE ON LABEL

ITEM NAME	#	CL
<b>DATA INFORMATION</b>		
UNITS	mEq/L	
DECIMALS		
<b>ANALYSIS</b>		
TYPE	END	
MAIN WAVELENGTH 1	505	
SUB WAVELENGTH 2	700	
METHOD	THIOCYANATE	
<b>CORRELATION</b>		
Y=	SLOPE	X+
	1	0
<b>CALIBRATION</b>		
TYPE	LINEAR	
<b>STANDARD</b>		
#1	USER DEFINED	#4
#2	USER DEFINED	#5
#3		#6
<b>NORMAL RANGE</b>		
	MALE	
	FEMALE	
	LOW	HIGH
SERUM	98	110
URINE		
PLASMA		
CSF		
DIALYSIS		
OTHER		

<b>ASPIRATION</b>		<b>DATA PROCESS READ</b>			<b>ABSORBANCE LIMIT</b>	
KIND	SINGLE		START	END	LOW	-0.010
	VOLUME	MAIN	50	51	HIGH	3.000
SAMPLE	3					
REAGENT 1 VOL	300					
REAGENT 2	0					
THIRD MIX	OFF	<b>FACTOR</b>		END POINT LIMIT	0.010	
R1 BLANK	WATER BLANK	BLANK CORRECTION	1	LINEAR CHECK(%)		
<b>MONITOR</b>		<b>PROZONE CHECK</b>				
O LEVEL POINT	1		START	END	LIMIT(%)	
SPAN	3	FIRST				
		SECOND				LOW
		THIRD				LOW

<b>AUTO RETURN SW</b>			<b>AUTO RETURN CONDITION (ABSORBANCE)</b>	
	OFF		<b>ABSORBANCE RANGE</b>	
			LOWER	OFF
			HIGHER	OFF
<b>AUTO RETURN RANGE</b>			<b>PROZONE RANGE</b>	
	OFF	OFF	OFF	
	LOWER	HIGHER		
SERUM	0	150		
URINE				
PLASMA				
CSF				
DIALYSIS				
OTHER				

**Analyzer: Biolis 24 - Prestige 24i**

Application: **CHOLESTEROL FL** - Codes CT F100 / F400 / 100F / 150F CH

Preparation: LIQUID READY TO USE SINGLE REAGENT

Storage: REFRIGERATE AT 2-8°C

Stability: UNTIL EXPIRATION DATE ON LABEL

ITEM NAME	#	CHOL
<b>DATA INFORMATION</b>		
UNITS	mg/dl	
DECIMALS	0	
<b>ANALYSIS</b>		
TYPE	END	
MAIN WAVELENGTH 1	505	
SUB WAVELENGTH 2	700	
METHOD	CHOD-PAP	
<b>CORRELATION</b>		
Y=	SLOPE	X+
	1	0
<b>CALIBRATION</b>		
TYPE	LINEAR	
<b>STANDARD</b>		
#1	USER DEFINED	#4
#2	USER DEFINED	#5
#3		#6
<b>NORMAL RANGE</b>		
	MALE	
	LOW	HIGH
	140	200
	FEMALE	
	LOW	HIGH
	140	200
SERUM		
URINE		
PLASMA		
CSF		
DIALYSIS		
OTHER		

<b>ASPIRATION</b>		<b>DATA PROCESS READ</b>			<b>ABSORBANCE LIMIT</b>	
KIND	SINGLE		START	END	LOW	-0.010
	VOLUME	MAIN	33	34	HIGH	1.500
SAMPLE	3					
REAGENT 1 VOL	300					
REAGENT 2	0					
THIRD MIX	OFF	<b>FACTOR</b>		END POINT LIMIT	0.010	
R1 BLANK	WATER BLANK	BLANK CORRECTION	1	LINEAR CHECK(%)		
<b>MONITOR</b>		<b>PROZONE CHECK</b>				
O LEVEL POINT	1		START	END	LIMIT(%)	
SPAN	3	FIRST				
		SECOND				LOW
		THIRD				LOW

<b>AUTO RETURN SW</b>			<b>AUTO RETURN CONDITION (ABSORBANCE)</b>	
	OFF		<b>ABSORBANCE RANGE</b>	
			LOWER	OFF
			HIGHER	OFF
	<b>AUTO RETURN RANGE</b>		<b>PROZONE RANGE</b>	
	OFF	OFF	OFF	
	LOWER	HIGHER		
SERUM	50	700		
URINE				
PLASMA				
CSF				
DIALYSIS				
OTHER				

**Analyzer: Biolis 24 - Prestige 24i**

Application: **HDL-DIRECT FL** - Code HD F080 / F245 / F400 CH

Preparation: REAGENT # 1 - USE REAGENT A

REAGENT # 2 - USE REAGENT B

Storage: REFRIGERATE AT 2-8°C

Stability: UNTIL EXPIRATION DATE ON LABEL

ITEM NAME	#	HDL-C	
<b>DATA INFORMATION</b>			
UNITS	mg/dl		
DECIMALS	1		
<b>ANALYSIS</b>			
TYPE	END		
MAIN WAVELENGTH 1	600		
SUB WAVELENGTH 2	700		
METHOD	IMMUNO-INHIBITION		
<b>CORRELATION</b>			
Y=	SLOPE	X+	INTER
	1		0
<b>CALIBRATION</b>			
TYPE	LINEAR		
<b>STANDARD</b>			
#1	USER DEFINED	#4	
#2	USER DEFINED	#5	
#3		#6	
<b>NORMAL RANGE</b>			
	MALE		FEMALE
	LOW	HIGH	LOW HIGH
SERUM	35.3	79.5	42.0 88.0
URINE			
PLASMA			
CSF			
DIALYSIS			
OTHER			

<b>ASPIRATION</b>		<b>DATA PROCESS READ</b>			<b>ABSORBANCE LIMIT</b>	
KIND	DOUBLE		START	END	LOW	-0.010
	VOLUME	MAIN	53	54	HIGH	1.000
SAMPLE	3	SUB	30	31		
REAGENT 1 VOL	225					
REAGENT 2	75					
THIRD MIX	OFF	<b>FACTOR</b>		END POINT LIMIT	0.020	
R1 BLANK	WATER BLANK	BLANK CORRECTION	1	LINEAR CHECK(%)		
<b>MONITOR</b>		<b>PROZONE CHECK</b>				
O LEVEL POINT	1		START	END	LIMIT(%)	
SPAN	3	FIRST				
		SECOND				LOW
		THIRD				LOW

<b>AUTO RETURN SW</b>			<b>AUTO RETURN CONDITION (ABSORBANCE)</b>	
	OFF		<b>ABSORBANCE RANGE</b>	
			LOWER	OFF
			HIGHER	OFF
<b>AUTO RETURN RANGE</b>			<b>PROZONE RANGE</b>	
	OFF	OFF	OFF	
	LOWER	HIGHER		
SERUM	5	220		
URINE				
PLASMA				
CSF				
DIALYSIS				
OTHER				

**Analyzer: Biolis 24 - Prestige 24i**

Application: **LDL-DIRECT FL** - Code DL F080 CH

Preparation: REAGENT # 1 - USE REAGENT A

REAGENT # 2 - USE REAGENT B

Storage: REFRIGERATE AT 2-8°C

Stability: UNTIL EXPIRATION DATE ON LABEL

ITEM NAME	#	LDL-C
<b>DATA INFORMATION</b>		
UNITS	mg/dl	
DECIMALS	1	
<b>ANALYSIS</b>		
TYPE	END	
MAIN WAVELENGTH 1	600	
SUB WAVELENGTH 2	700	
METHOD	IMMUNO-INHIBITION	
<b>CORRELATION</b>		
Y=	SLOPE	X+
	1	0
<b>CALIBRATION</b>		
TYPE	LINEAR	
<b>STANDARD</b>		
#1	USER DEFINED	#4
#2	USER DEFINED	#5
#3		#6
<b>NORMAL RANGE</b>		
	MALE	
	FEMALE	
	LOW	HIGH
SERUM	76	218
URINE		
PLASMA		
CSF		
DIALYSIS		
OTHER		

<b>ASPIRATION</b>		<b>DATA PROCESS READ</b>			<b>ABSORBANCE LIMIT</b>	
KIND	DOUBLE		START	END	LOW	-0.010
	VOLUME	MAIN	53	54	HIGH	1.000
SAMPLE	3	SUB	30	31		
REAGENT 1 VOL	225					
REAGENT 2	75					
THIRD MIX	OFF	<b>FACTOR</b>		END POINT LIMIT	0.020	
R1 BLANK	WATER BLANK	BLANK CORRECTION	1	LINEAR CHECK(%)		
<b>MONITOR</b>		<b>PROZONE CHECK</b>				
O LEVEL POINT	1		START	END	LIMIT(%)	
SPAN	3	FIRST				
		SECOND				LOW
		THIRD				LOW

<b>AUTO RETURN SW</b>			<b>AUTO RETURN CONDITION (ABSORBANCE)</b>	
	OFF		<b>ABSORBANCE RANGE</b>	
			LOWER	OFF
			HIGHER	OFF
<b>AUTO RETURN RANGE</b>			<b>PROZONE RANGE</b>	
	OFF	OFF	OFF	
	LOWER	HIGHER		
SERUM	10	400		
URINE				
PLASMA				
CSF				
DIALYSIS				
OTHER				

**Analyzer: Biolis 24 - Prestige 24i**

Application: **CHOLINESTERASE FL (DGKC)** - Codes CH F096 / F245 CH

Preparation: REAGENT # 1 - USE REAGENT A

REAGENT # 2 - USE REAGENT B

Storage: REFRIGERATE AT 2-8°C

Stability: UNTIL EXPIRATION DATE ON LABEL

ITEM NAME	#	CHE
<b>DATA INFORMATION</b>		
UNITS	U/L	
DECIMALS	0	
<b>ANALYSIS</b>		
TYPE	RATE	
MAIN WAVELENGTH 1	405	
SUB WAVELENGTH 2	700	
METHOD	DGKC	
<b>CORRELATION</b>		
Y=	SLOPE 1	X+ INTER 0
<b>CALIBRATION</b>		
TYPE	LINEAR	
<b>STANDARD</b>		
#1	USER DEFINED	#4
#2	USER DEFINED	#5
#3		#6
<b>NORMAL RANGE</b>		
	<b>MALE</b>	<b>FEMALE</b>
	<b>LOW</b>	<b>HIGH</b>
SERUM	5600	11200
URINE		
PLASMA		
CSF		
DIALYSIS		
OTHER		

<b>ASPIRATION</b>		<b>DATA PROCESS READ</b>			<b>ABSORBANCE LIMIT</b>	
KIND	DOUBLE		<b>START</b>	<b>END</b>	LOW	1.000
	VOLUME	MAIN	36	42	HIGH	3.000
SAMPLE	5					
REAGENT 1 VOL	250					
REAGENT 2	50					
THIRD MIX	OFF	<b>FACTOR</b>		END POINT LIMIT		
R1 BLANK	WATER BLANK	BLANK CORRECTION	1	LINEAR CHECK(%)		40
<b>MONITOR</b>		<b>PROZONE CHECK</b>				
O LEVEL POINT	1		START	END	LIMIT(%)	
SPAN	3	FIRST				
		SECOND				LOW
		THIRD				LOW

<b>AUTO RETURN SW</b>			<b>AUTO RETURN CONDITION (ABSORBANCE)</b>	
	OFF		<b>ABSORBANCE RANGE</b>	
			LOWER	OFF
			HIGHER	OFF
	<b>AUTO RETURN RANGE</b>		<b>PROZONE RANGE</b>	
	OFF	OFF	OFF	
	LOWER	HIGHER		
SERUM	1000	25000		
URINE				
PLASMA				
CSF				
DIALYSIS				
OTHER				

**Analyzer: Biolis 24 - Prestige 24i**

Application: **CK-NAC FL** - Codes CK F060 / F120 / F245 CH

Preparation: REAGENT # 1 - USE REAGENT A

REAGENT # 2 - USE REAGENT B

Storage: REFRIGERATE AT 2-8°C

Stability: UNTIL EXPIRATION DATE ON LABEL

ITEM NAME	#	CK		
<b>DATA INFORMATION</b>				
UNITS	U/L			
DECIMALS	0			
<b>ANALYSIS</b>				
TYPE	RATE			
MAIN WAVELENGTH 1	340			
SUB WAVELENGTH 2	700			
METHOD	IFCC-DGKC			
<b>CORRELATION</b>				
Y=	SLOPE 1	X+ INTER 0		
<b>CALIBRATION</b>				
TYPE	LINEAR			
<b>STANDARD</b>				
#1	USER DEFINED	#4		
#2	USER DEFINED	#5		
#3		#6		
<b>NORMAL RANGE</b>				
	MALE		FEMALE	
	LOW	HIGH	LOW	HIGH
SERUM	24	204	24	173
URINE				
PLASMA				
CSF				
DIALYSIS				
OTHER				

<b>ASPIRATION</b>		<b>DATA PROCESS READ</b>			<b>ABSORBANCE LIMIT</b>	
KIND	DOUBLE		START	END	LOW	-0.010
	VOLUME	MAIN	38	48	HIGH	2.500
SAMPLE	10					
REAGENT 1 VOL	200					
REAGENT 2	50					
THIRD MIX	OFF	<b>FACTOR</b>		END POINT LIMIT		
R1 BLANK	WATER BLANK	BLANK CORRECTION	1	LINEAR CHECK(%)		40
<b>MONITOR</b>		<b>PROZONE CHECK</b>				
O LEVEL POINT	1		START	END	LIMIT(%)	
SPAN	3	FIRST				
		SECOND				LOW
		THIRD				LOW

<b>AUTO RETURN SW</b>			<b>AUTO RETURN CONDITION (ABSORBANCE)</b>	
	OFF		<b>ABSORBANCE RANGE</b>	
			LOWER	OFF
			HIGHER	OFF
<b>AUTO RETURN RANGE</b>			<b>PROZONE RANGE</b>	
	OFF	OFF	OFF	
	LOWER	HIGHER		
SERUM	3	2000		
URINE				
PLASMA				
CSF				
DIALYSIS				
OTHER				

**Analyzer: Biolis 24 - Prestige 24i**

Application: **CK-MB FL** - Code MB F060 / F120 CH

Preparation: REAGENT # 1 - USE REAGENT A

REAGENT # 2 - USE REAGENT B

Storage: REFRIGERATE AT 2-8°C

Stability: UNTIL EXPIRATION DATE ON LABEL

ITEM NAME	#	CKMB
<b>DATA INFORMATION</b>		
UNITS	U/L	
DECIMALS	1	
<b>ANALYSIS</b>		
TYPE	RATE	
MAIN WAVELENGTH 1	340	
SUB WAVELENGTH 2	700	
METHOD	IFCC-DGKC	
<b>CORRELATION</b>		
Y=	SLOPE	X+
	1	0
<b>CALIBRATION</b>		
TYPE	LINEAR	
<b>STANDARD</b>		
#1	USER DEFINED	#4
#2	USER DEFINED	#5
#3		#6
<b>NORMAL RANGE</b>		
	MALE	
	LOW	HIGH
	0	24
	FEMALE	
	LOW	HIGH
	0	24
SERUM		
URINE		
PLASMA		
CSF		
DIALYSIS		
OTHER		

<b>ASPIRATION</b>		<b>DATA PROCESS READ</b>			<b>ABSORBANCE LIMIT</b>	
KIND	DOUBLE		START	END	LOW	-0.010
	VOLUME	MAIN	40	54	HIGH	2.500
SAMPLE	10					
REAGENT 1 VOL	200					
REAGENT 2	50					
THIRD MIX	OFF	<b>FACTOR</b>		END POINT LIMIT		
R1 BLANK	WATER BLANK	BLANK CORRECTION	1	LINEAR CHECK(%)		40
<b>MONITOR</b>		<b>PROZONE CHECK</b>				
O LEVEL POINT	1		START	END	LIMIT(%)	
SPAN	3	FIRST				
		SECOND				LOW
		THIRD				LOW

<b>AUTO RETURN SW</b>			<b>AUTO RETURN CONDITION (ABSORBANCE)</b>	
	OFF		<b>ABSORBANCE RANGE</b>	
			LOWER	OFF
			HIGHER	OFF
	<b>AUTO RETURN RANGE</b>		<b>PROZONE RANGE</b>	
	OFF	OFF	OFF	
	LOWER	HIGHER		
SERUM	0	2000		
URINE				
PLASMA				
CSF				
DIALYSIS				
OTHER				

**Analyzer: Biolis 24 - Prestige 24i**

Application: **COPPER** - Code CU 0100 CH  
 Preparation: AS INDICATED IN INSERT SHEET  
 Storage: KEEP AT ROOM TEMP (MANDATORY!)  
 Stability: 14 DAYS

**PROGRAM**

ITEM NAME	#	CU
<b>DATA INFORMATION</b>		
UNITS	UG/DL	
DECIMALS	0	
<b>ANALYSIS</b>		
TYPE	END	
MAIN WAVELENGTH 1	570	
SUB WAVELENGTH 2	700	
METHOD	DI-BR-PAESA	
<b>CORRELATION</b>		
Y=	SLOPE	X+
	1	0
<b>CALIBRATION</b>		
TYPE	LINEAR	
<b>STANDARD</b>		
#1	USER DEFINED	#4
#2	USER DEFINED	#5
#3		#6
<b>NORMAL RANGE</b>		
	MALE	
	LOW	HIGH
	70	140
	FEMALE	
	LOW	HIGH
	80	155
SERUM		
URINE		
PLASMA		
CSF		
DIALYSIS		
OTHER		

<b>ASPIRATION</b>		<b>DATA PROCESS READ</b>			<b>ABSORBANCE LIMIT</b>	
KIND	SINGLE		START	END	LOW	-0.010
	VOLUME	MAIN	50	51	HIGH	1.800
SAMPLE	20					
REAGENT 1 VOL	300					
REAGENT 2	0					
THIRD MIX	OFF	<b>FACTOR</b>		END POINT LIMIT	0.010	
R1 BLANK	WATER BLANK	BLANK CORRECTION	1	LINEAR CHECK(%)		
<b>MONITOR</b>		<b>PROZONE CHECK</b>				
O LEVEL POINT	1		START	END	LIMIT(%)	
SPAN	3	FIRST				
		SECOND				LOW
		THIRD				LOW

<b>AUTO RETURN SW</b>			<b>AUTO RETURN CONDITION (ABSORBANCE)</b>	
	OFF		<b>ABSORBANCE RANGE</b>	
			LOWER	OFF
			HIGHER	OFF
<b>AUTO RETURN RANGE</b>			<b>PROZONE RANGE</b>	
	OFF	OFF	OFF	
	LOWER	HIGHER		
SERUM	5	500		
URINE				
PLASMA				
CSF				
DIALYSIS				
OTHER				



**Analyzer: Biolis 24 - Prestige 24i**

Application: **CREATININE** - Code CR 0500 / 1000 / 1500 CH

Preparation: REAGENT # 1 - USE REAGENT A

REAGENT # 2 - USE REAGENT B

Storage: REFRIGERATE AT 2-8°C

Stability: UNTIL EXPIRATION DATE ON LABEL

ITEM NAME	#	CREA
<b>DATA INFORMATION</b>		
UNITS	mg/dl	
DECIMALS	2	
<b>ANALYSIS</b>		
TYPE	RATE	
MAIN WAVELENGTH 1	505	
SUB WAVELENGTH 2	700	
METHOD	JAFFE	
<b>CORRELATION</b>		
Y=	SLOPE	X+ INTER
	1	-0.25
<b>CALIBRATION</b>		
TYPE	LINEAR	
<b>STANDARD</b>		
#1	USER DEFINED	#4
#2	USER DEFINED	#5
#3		#6
<b>NORMAL RANGE</b>		
	MALE	
	LOW	HIGH
	0.70	1.20
	FEMALE	
	LOW	HIGH
	0.60	1.10
SERUM		
URINE		
PLASMA		
CSF		
DIALYSIS		
OTHER		

<b>ASPIRATION</b>		<b>DATA PROCESS READ</b>			<b>ABSORBANCE LIMIT</b>	
KIND	DOUBLE		START	END	LOW	-0.010
	VOLUME	MAIN	36	48	HIGH	3.000
SAMPLE	20					
REAGENT 1 VOL	150					
REAGENT 2	150					
THIRD MIX	OFF	<b>FACTOR</b>		END POINT LIMIT		
R1 BLANK	WATER BLANK	BLANK CORRECTION	1	LINEAR CHECK(%)		40
<b>MONITOR</b>		<b>PROZONE CHECK</b>				
O LEVEL POINT	1		START	END	LIMIT(%)	
SPAN	3	FIRST				
		SECOND				LOW
		THIRD				LOW

<b>AUTO RETURN SW</b>			<b>AUTO RETURN CONDITION (ABSORBANCE)</b>	
	OFF		<b>ABSORBANCE RANGE</b>	
			LOWER	OFF
			HIGHER	OFF
	<b>AUTO RETURN RANGE</b>		<b>PROZONE RANGE</b>	
	OFF	OFF	OFF	
	LOWER	HIGHER		
SERUM	0.2	15		
URINE				
PLASMA				
CSF				
DIALYSIS				
OTHER				

**Analyzer: Biolis 24 - Prestige 24i**

Application: **GAMMA-GT FL** - Codes GT F080 / F245 / F400 / F600 CH

Preparation: REAGENT # 1 - USE REAGENT A

REAGENT # 2 - USE REAGENT B

Storage: REFRIGERATE AT 2-8°C

Stability: UNTIL EXPIRATION DATE ON LABEL

ITEM NAME	#	GGT
<b>DATA INFORMATION</b>		
UNITS	U/L	
DECIMALS	0	
<b>ANALYSIS</b>		
TYPE	RATE	
MAIN WAVELENGTH 1	405	
SUB WAVELENGTH 2	700	
METHOD	SZASZ	
<b>CORRELATION</b>		
Y=	SLOPE 1	X+ INTER 0
<b>CALIBRATION</b>		
TYPE	LINEAR	
<b>STANDARD</b>		
#1	USER DEFINED	#4
#2	USER DEFINED	#5
#3		#6
<b>NORMAL RANGE</b>		
	MALE	
	LOW	HIGH
	0	50
	FEMALE	
	LOW	HIGH
	0	30
SERUM		
URINE		
PLASMA		
CSF		
DIALYSIS		
OTHER		

<b>ASPIRATION</b>		<b>DATA PROCESS READ</b>			<b>ABSORBANCE LIMIT</b>	
KIND	DOUBLE		START	END	LOW	-0.010
	VOLUME	MAIN	37	41	HIGH	1.800
SAMPLE	25					
REAGENT 1 VOL	200					
REAGENT 2	50					
THIRD MIX	OFF	<b>FACTOR</b>		END POINT LIMIT		
R1 BLANK	WATER BLANK	BLANK CORRECTION	1	LINEAR CHECK(%)		40
<b>MONITOR</b>		<b>PROZONE CHECK</b>				
O LEVEL POINT	1		START	END	LIMIT(%)	
SPAN	3	FIRST				
		SECOND				LOW
		THIRD				LOW

<b>AUTO RETURN SW</b>			<b>AUTO RETURN CONDITION (ABSORBANCE)</b>	
	OFF		<b>ABSORBANCE RANGE</b>	
			LOWER	OFF
			HIGHER	OFF
	<b>AUTO RETURN RANGE</b>		<b>PROZONE RANGE</b>	
	OFF	OFF	OFF	
	LOWER	HIGHER		
SERUM	3	800		
URINE				
PLASMA				
CSF				
DIALYSIS				
OTHER				

**Analyzer: Biolis 24 - Prestige 24i**

Application: **GLUCOSE FL** - Codes GL F400 / 100F / 150F CH

Preparation: LIQUID READY TO USE SINGLE REAGENT

Storage: REFRIGERATE AT 2-8°C

Stability: UNTIL EXPIRATION DATE ON LABEL

ITEM NAME	#	GLUC
<b>DATA INFORMATION</b>		
UNITS	mg/dl	
DECIMALS	0	
<b>ANALYSIS</b>		
TYPE	END	
MAIN WAVELENGTH 1	505	
SUB WAVELENGTH 2	700	
METHOD	GOD-PAP	
<b>CORRELATION</b>		
Y=	SLOPE	X+
	1	0
<b>CALIBRATION</b>		
TYPE	LINEAR	
<b>STANDARD</b>		
#1	USER DEFINED	#4
#2	USER DEFINED	#5
#3		#6
<b>NORMAL RANGE</b>		
	MALE	
	LOW	HIGH
	70	105
	FEMALE	
	LOW	HIGH
	70	105
SERUM		
URINE		
PLASMA		
CSF		
DIALYSIS		
OTHER		

<b>ASPIRATION</b>		<b>DATA PROCESS READ</b>			<b>ABSORBANCE LIMIT</b>	
KIND	SINGLE		START	END	LOW	-0.010
	VOLUME	MAIN	49	50	HIGH	2.500
SAMPLE	3					
REAGENT 1 VOL	300					
REAGENT 2	0					
THIRD MIX	OFF	<b>FACTOR</b>		END POINT LIMIT	0.010	
R1 BLANK	WATER BLANK	BLANK CORRECTION	1	LINEAR CHECK(%)		
<b>MONITOR</b>		<b>PROZONE CHECK</b>				
O LEVEL POINT	1		START	END	LIMIT(%)	
SPAN	3	FIRST				
		SECOND				LOW
		THIRD				LOW

<b>AUTO RETURN SW</b>			<b>AUTO RETURN CONDITION (ABSORBANCE)</b>	
	OFF		<b>ABSORBANCE RANGE</b>	
			LOWER	OFF
			HIGHER	OFF
	<b>AUTO RETURN RANGE</b>		<b>PROZONE RANGE</b>	
	OFF	OFF	OFF	
	LOWER	HIGHER		
SERUM	40	500		
URINE				
PLASMA				
CSF				
DIALYSIS				
OTHER				

**Analyzer: Biolis 24 - Prestige 24i**

Application: **GLUCOSE UV FL - Code GL F601 CH**

Preparation: REAGENT # 1 - USE REAGENT A

REAGENT # 2 - USE REAGENT B

Storage: REFRIGERATE AT 2-8°C

Stability: UNTIL EXPIRATION DATE ON LABEL

ITEM NAME	#	GLUC	
<b>DATA INFORMATION</b>			
UNITS	mg/dl		
DECIMALS	0		
<b>ANALYSIS</b>			
TYPE	END		
MAIN WAVELENGTH 1	340		
SUB WAVELENGTH 2	700		
METHOD	UV		
<b>CORRELATION</b>			
Y=	SLOPE	X+	INTER
	1		0
<b>CALIBRATION</b>			
TYPE	LINEAR		
<b>STANDARD</b>			
#1	USER DEFINED	#4	
#2	USER DEFINED	#5	
#3		#6	
<b>NORMAL RANGE</b>			
	MALE		FEMALE
	LOW	HIGH	LOW HIGH
SERUM	70	105	70 105
URINE			
PLASMA			
CSF			
DIALYSIS			
OTHER			

<b>ASPIRATION</b>		<b>DATA PROCESS READ</b>			<b>ABSORBANCE LIMIT</b>	
KIND	DOUBLE		START	END	LOW	-0.010
	VOLUME	MAIN	49	50	HIGH	2.500
SAMPLE	3	SUB	30	31		
REAGENT 1 VOL	240					
REAGENT 2	60					
THIRD MIX	OFF	<b>FACTOR</b>		END POINT LIMIT	0.010	
R1 BLANK	WATER BLANK	BLANK CORRECTION	1	LINEAR CHECK(%)		
<b>MONITOR</b>		<b>PROZONE CHECK</b>				
O LEVEL POINT	1		START	END	LIMIT(%)	
SPAN	3	FIRST				
		SECOND				LOW
		THIRD				LOW

<b>AUTO RETURN SW</b>			<b>AUTO RETURN CONDITION (ABSORBANCE)</b>	
	OFF		<b>ABSORBANCE RANGE</b>	
			LOWER	OFF
			HIGHER	OFF
	<b>AUTO RETURN RANGE</b>		<b>PROZONE RANGE</b>	
	OFF	OFF	OFF	
	LOWER	HIGHER		
SERUM	40	700		
URINE				
PLASMA				
CSF				
DIALYSIS				
OTHER				

**Analyzer: Biolis 24 - Prestige 24i**

Application: **GOT/AST FL** - Codes GO F080 / F245 / F400 / F600 CH

Preparation: REAGENT # 1 - USE REAGENT A

REAGENT # 2 - USE REAGENT B

Storage: REFRIGERATE AT 2-8°C

Stability: UNTIL EXPIRATION DATE ON LABEL

ITEM NAME	#	GOT	
<b>DATA INFORMATION</b>			
UNITS	U/L		
DECIMALS	0		
<b>ANALYSIS</b>			
TYPE	RATE		
MAIN WAVELENGTH 1	340		
SUB WAVELENGTH 2	700		
METHOD	IFCC		
<b>CORRELATION</b>			
Y=	SLOPE	X+	INTER
	1		0
<b>CALIBRATION</b>			
TYPE	LINEAR		
<b>STANDARD</b>			
#1	USER DEFINED	#4	
#2	USER DEFINED	#5	
#3		#6	
<b>NORMAL RANGE</b>			
	MALE		FEMALE
	LOW	HIGH	LOW HIGH
SERUM	0	35	0 31
URINE			
PLASMA			
CSF			
DIALYSIS			
OTHER			

<b>ASPIRATION</b>		<b>DATA PROCESS READ</b>			<b>ABSORBANCE LIMIT</b>	
KIND	DOUBLE		START	END	LOW	1.100
	VOLUME	MAIN	37	45	HIGH	2.500
SAMPLE	25					
REAGENT 1 VOL	200					
REAGENT 2	50					
THIRD MIX	OFF	<b>FACTOR</b>		END POINT LIMIT		
R1 BLANK	WATER BLANK	BLANK CORRECTION	1	LINEAR CHECK(%)		40
<b>MONITOR</b>		<b>PROZONE CHECK</b>				
O LEVEL POINT	1		START	END	LIMIT(%)	
SPAN	3	FIRST				
		SECOND				LOW
		THIRD				LOW

<b>AUTO RETURN SW</b>			<b>AUTO RETURN CONDITION (ABSORBANCE)</b>	
	OFF		<b>ABSORBANCE RANGE</b>	
			LOWER	OFF
			HIGHER	OFF
<b>AUTO RETURN RANGE</b>			<b>PROZONE RANGE</b>	
	OFF	OFF	OFF	
	LOWER	HIGHER		
SERUM	2	440		
URINE				
PLASMA				
CSF				
DIALYSIS				
OTHER				

**Analyzer: Biolis 24 - Prestige 24i**

Application: **GPT/ALT FL** - Codes GP F245 / F400 / F600 CH

Preparation: REAGENT # 1 - USE REAGENT A

REAGENT # 2 - USE REAGENT B

Storage: REFRIGERATE AT 2-8°C

Stability: UNTIL EXPIRATION DATE ON LABEL

ITEM NAME	#	GPT	
<b>DATA INFORMATION</b>			
UNITS	U/L		
DECIMALS	0		
<b>ANALYSIS</b>			
TYPE	RATE		
MAIN WAVELENGTH 1	340		
SUB WAVELENGTH 2	700		
METHOD	IFCC		
<b>CORRELATION</b>			
Y=	SLOPE	X+	INTER
	1		0
<b>CALIBRATION</b>			
TYPE	LINEAR		
<b>STANDARD</b>			
#1	USER DEFINED	#4	
#2	USER DEFINED	#5	
#3		#6	
<b>NORMAL RANGE</b>			
	MALE		FEMALE
	LOW	HIGH	LOW HIGH
SERUM	0	45	0 34
URINE			
PLASMA			
CSF			
DIALYSIS			
OTHER			

<b>ASPIRATION</b>		<b>DATA PROCESS READ</b>			<b>ABSORBANCE LIMIT</b>	
KIND	DOUBLE		START	END	LOW	1.100
	VOLUME	MAIN	37	45	HIGH	2.500
SAMPLE	25					
REAGENT 1 VOL	200					
REAGENT 2	50					
THIRD MIX	OFF	<b>FACTOR</b>		END POINT LIMIT		
R1 BLANK	WATER BLANK	BLANK CORRECTION	1	LINEAR CHECK(%)		40
<b>MONITOR</b>		<b>PROZONE CHECK</b>				
O LEVEL POINT	1		START	END	LIMIT(%)	
SPAN	3	FIRST				
		SECOND				LOW
		THIRD				LOW

<b>AUTO RETURN SW</b>			<b>AUTO RETURN CONDITION (ABSORBANCE)</b>	
	OFF		<b>ABSORBANCE RANGE</b>	
			LOWER	OFF
			HIGHER	OFF
<b>AUTO RETURN RANGE</b>			<b>PROZONE RANGE</b>	
	OFF	OFF	OFF	
	LOWER	HIGHER		
SERUM	2	440		
URINE				
PLASMA				
CSF				
DIALYSIS				
OTHER				

**Analyzer: Biolis 24 - Prestige 24i**

Application: **IRON FZ** - Code FE F245 / F400 CH

Preparation: REAGENT # 1 - USE REAGENT A

REAGENT # 2 - USE REAGENT B (READ PREPARATION IN MANUAL INSERT SHEET)

Storage: REFRIGERATE AT 2-8°C

Stability: UNTIL EXPIRATION DATE ON LABEL

ITEM NAME	#	IRON	
<b>DATA INFORMATION</b>			
UNITS	ug/dl		
DECIMALS	0		
<b>ANALYSIS</b>			
TYPE	END		
MAIN WAVELENGTH 1	570		
SUB WAVELENGTH 2			
METHOD	FERROZINE		
<b>CORRELATION</b>			
Y=	SLOPE	X+	INTER
	1		0
<b>CALIBRATION</b>			
TYPE	LINEAR		
<b>STANDARD</b>			
#1	USER DEFINED	#4	
#2	USER DEFINED	#5	
#3		#6	
<b>NORMAL RANGE</b>			
	MALE		FEMALE
	LOW	HIGH	LOW HIGH
SERUM	59	158	37 145
URINE			
PLASMA			
CSF			
DIALYSIS			
OTHER			

<b>ASPIRATION</b>		<b>DATA PROCESS READ</b>			<b>ABSORBANCE LIMIT</b>	
KIND	DOUBLE		START	END	LOW	-0.010
	VOLUME	MAIN	53	54	HIGH	3.000
SAMPLE	30	SUB	30	31		
REAGENT 1 VOL	160					
REAGENT 2	40					
THIRD MIX	OFF	<b>FACTOR</b>		END POINT LIMIT	0.010	
R1 BLANK	WATER BLANK	BLANK CORRECTION	1	LINEAR CHECK(%)		
<b>MONITOR</b>		<b>PROZONE CHECK</b>				
O LEVEL POINT	1		START	END	LIMIT(%)	
SPAN	3	FIRST				
		SECOND				LOW
		THIRD				LOW

<b>AUTO RETURN SW</b>			<b>AUTO RETURN CONDITION (ABSORBANCE)</b>	
	OFF		<b>ABSORBANCE RANGE</b>	
			LOWER	OFF
			HIGHER	OFF
<b>AUTO RETURN RANGE</b>			<b>PROZONE RANGE</b>	
	OFF	OFF	OFF	
	LOWER	HIGHER		
SERUM	20	1000		
URINE				
PLASMA				
CSF				
DIALYSIS				
OTHER				

**Analyzer: Biolis 24 - Prestige 24i**

Application: **LDH FL** - Codes LD F060 / F120 / F245 CH

Preparation: REAGENT # 1 - USE REAGENT A

REAGENT # 2 - USE REAGENT B

Storage: REFRIGERATE AT 2-8°C

Stability: UNTIL EXPIRATION DATE ON LABEL

ITEM NAME	#	LDH-P	
<b>DATA INFORMATION</b>			
UNITS	U/L		
DECIMALS	0		
<b>ANALYSIS</b>			
TYPE	RATE		
MAIN WAVELENGTH 1	340		
SUB WAVELENGTH 2	700		
METHOD	DGKC		
<b>CORRELATION</b>			
Y=	SLOPE	X+	INTER
	1		0
<b>CALIBRATION</b>			
TYPE	LINEAR		
<b>STANDARD</b>			
#1	USER DEFINED	#4	
#2	USER DEFINED	#5	
#3		#6	
<b>NORMAL RANGE</b>			
	MALE		FEMALE
	LOW	HIGH	LOW HIGH
SERUM	225	450	225 450
URINE			
PLASMA			
CSF			
DIALYSIS			
OTHER			

<b>ASPIRATION</b>		<b>DATA PROCESS READ</b>			<b>ABSORBANCE LIMIT</b>	
KIND	DOUBLE		START	END	LOW	1.100
	VOLUME	MAIN	37	45	HIGH	2.500
SAMPLE	5					
REAGENT 1 VOL	200					
REAGENT 2	50					
THIRD MIX	OFF	<b>FACTOR</b>		END POINT LIMIT		
R1 BLANK	WATER BLANK	BLANK CORRECTION	1	LINEAR CHECK(%)		40
<b>MONITOR</b>		<b>PROZONE CHECK</b>				
O LEVEL POINT	1		START	END	LIMIT(%)	
SPAN	3	FIRST				
		SECOND				LOW
		THIRD				LOW

<b>AUTO RETURN SW</b>			<b>AUTO RETURN CONDITION (ABSORBANCE)</b>	
	OFF		<b>ABSORBANCE RANGE</b>	
			LOWER	OFF
			HIGHER	OFF
<b>AUTO RETURN RANGE</b>			<b>PROZONE RANGE</b>	
	OFF	OFF	OFF	
	LOWER	HIGHER		
SERUM	100	2000		
URINE				
PLASMA				
CSF				
DIALYSIS				
OTHER				



**Analyzer: Biolis 24 - Prestige 24i**

Application: **LIPASE FL** - Code LP F060 CH  
 Preparation: REAGENT # 1 - USE REAGENT A  
 REAGENT # 2 - USE REAGENT B

Storage: REFRIGERATE AT 2-8°C  
 Stability: UNTIL EXPIRATION DATE ON LABEL

ITEM NAME	#	LIP	
<b>DATA INFORMATION</b>			
UNITS	U/L		
DECIMALS	0		
<b>ANALYSIS</b>			
TYPE	RATE		
MAIN WAVELENGTH 1	570		
SUB WAVELENGTH 2	700		
METHOD	COLOUR		
<b>CORRELATION</b>			
Y=	SLOPE	X+	INTER
	1		0
<b>CALIBRATION</b>			
TYPE	LINEAR		
<b>STANDARD</b>			
#1	USER DEFINED	#4	
#2	USER DEFINED	#5	
#3		#6	
<b>NORMAL RANGE</b>			
	MALE		FEMALE
	LOW	HIGH	LOW HIGH
SERUM	0	60	0 60
URINE			
PLASMA			
CSF			
DIALYSIS			
OTHER			

<b>ASPIRATION</b>		<b>DATA PROCESS READ</b>			<b>ABSORBANCE LIMIT</b>	
KIND	DOUBLE		START	END	LOW	-0.010
	VOLUME	MAIN	37	45	HIGH	1.800
SAMPLE	4					
REAGENT 1 VOL	200					
REAGENT 2	50					
THIRD MIX	OFF	<b>FACTOR</b>		END POINT LIMIT		
R1 BLANK	WATER BLANK	BLANK CORRECTION	1	LINEAR CHECK(%)		40
<b>MONITOR</b>		<b>PROZONE CHECK</b>				
O LEVEL POINT	1		START	END	LIMIT(%)	
SPAN	3	FIRST				
		SECOND				LOW
		THIRD				LOW

<b>AUTO RETURN SW</b>			<b>AUTO RETURN CONDITION (ABSORBANCE)</b>	
	OFF		<b>ABSORBANCE RANGE</b>	
			LOWER	OFF
			HIGHER	OFF
<b>AUTO RETURN RANGE</b>			<b>PROZONE RANGE</b>	
	OFF	OFF	OFF	
	LOWER	HIGHER		
SERUM	2	800		
URINE				
PLASMA				
CSF				
DIALYSIS				
OTHER				

**Analyzer: Biolis 24 - Prestige 24i**

Application: **MAGNESIUM** - Code MG 0200 / 0500 CH

Preparation: REAGENT # 1 - USE REAGENT A

REAGENT # 2 - USE REAGENT B

Storage: REFRIGERATE AT 2-8°C

Stability: UNTIL EXPIRATION DATE ON LABEL

ITEM NAME	#	MG		
<b>DATA INFORMATION</b>				
UNITS	mEq/L			
DECIMALS	2			
<b>ANALYSIS</b>				
TYPE	END			
MAIN WAVELENGTH 1	505			
SUB WAVELENGTH 2	700			
METHOD	CALMAGITE			
<b>CORRELATION</b>				
Y=	SLOPE 1	X+ INTER 0		
<b>CALIBRATION</b>				
TYPE	LINEAR			
<b>STANDARD</b>				
#1	USER DEFINED	#4		
#2	USER DEFINED	#5		
#3		#6		
<b>NORMAL RANGE</b>				
	MALE		FEMALE	
	LOW	HIGH	LOW	HIGH
SERUM	1.30	2.10	1.30	2.10
URINE				
PLASMA				
CSF				
DIALYSIS				
OTHER				

<b>ASPIRATION</b>		<b>DATA PROCESS READ</b>			<b>ABSORBANCE LIMIT</b>	
KIND	DOUBLE		START	END	LOW	-0.010
	VOLUME	MAIN	40	41	HIGH	3.000
SAMPLE	3					
REAGENT 1 VOL	150					
REAGENT 2	150					
THIRD MIX	OFF	<b>FACTOR</b>		END POINT LIMIT	0.010	
R1 BLANK	WATER BLANK	BLANK CORRECTION	1	LINEAR CHECK(%)		
<b>MONITOR</b>		<b>PROZONE CHECK</b>				
O LEVEL POINT	1		START	END	LIMIT(%)	
SPAN	3	FIRST				
		SECOND				LOW
		THIRD				LOW

<b>AUTO RETURN SW</b>			<b>AUTO RETURN CONDITION (ABSORBANCE)</b>	
	OFF		<b>ABSORBANCE RANGE</b>	
			LOWER	OFF
			HIGHER	OFF
<b>AUTO RETURN RANGE</b>			<b>PROZONE RANGE</b>	
	OFF	OFF	OFF	
	LOWER	HIGHER		
SERUM	0.20	8.00		
URINE				
PLASMA				
CSF				
DIALYSIS				
OTHER				

**Analyzer: Biolis 24 - Prestige 24i**

Application: **MAGNESIUM XL** - Code MX 0300 / 0500 CH

Preparation: LIQUID REAGENT READY TO USE

Storage: REFRIGERATE AT 2-8°C

Stability: UNTIL EXPIRATION DATE ON LABEL

ITEM NAME	#	MG		
<b>DATA INFORMATION</b>				
UNITS	mEq/L			
DECIMALS	2			
<b>ANALYSIS</b>				
TYPE	END			
MAIN WAVELENGTH 1	546			
SUB WAVELENGTH 2	700			
METHOD	XYLYDYL BLUE			
<b>CORRELATION</b>				
Y=	SLOPE 1	X+ INTER 0		
<b>CALIBRATION</b>				
TYPE	LINEAR			
<b>STANDARD</b>				
#1	USER DEFINED	#4		
#2	USER DEFINED	#5		
#3		#6		
<b>NORMAL RANGE</b>				
	MALE		FEMALE	
	LOW	HIGH	LOW	HIGH
SERUM	1.30	2.10	1.30	2.10
URINE				
PLASMA				
CSF				
DIALYSIS				
OTHER				

<b>ASPIRATION</b>		<b>DATA PROCESS READ</b>			<b>ABSORBANCE LIMIT</b>	
KIND	SINGLE		START	END	LOW	-0.010
	VOLUME	MAIN	40	41	HIGH	3.000
SAMPLE	3					
REAGENT 1 VOL	300					
REAGENT 2	0					
THIRD MIX	OFF	<b>FACTOR</b>		END POINT LIMIT	0.010	
R1 BLANK	WATER BLANK	BLANK CORRECTION	1	LINEAR CHECK(%)		
<b>MONITOR</b>		<b>PROZONE CHECK</b>				
O LEVEL POINT	1		START	END	LIMIT(%)	
SPAN	3	FIRST				
		SECOND				LOW
		THIRD				LOW

<b>AUTO RETURN SW</b>			<b>AUTO RETURN CONDITION (ABSORBANCE)</b>	
	OFF		<b>ABSORBANCE RANGE</b>	
			LOWER	OFF
			HIGHER	OFF
	<b>AUTO RETURN RANGE</b>		<b>PROZONE RANGE</b>	
	OFF	OFF	OFF	
	LOWER	HIGHER		
SERUM	0.20	6.00		
URINE				
PLASMA				
CSF				
DIALYSIS				
OTHER				

**Analyzer: Biolis 24 - Prestige 24i**

Application: **PHOSPHORUS** - Code PH 0100 / 0500 CH

Preparation: LIQUID READY TO USE SINGLE REAGENT

Storage: REFRIGERATE AT 2-8°C

Stability: UNTIL EXPIRATION DATE ON LABEL

ITEM NAME	#	PHOS
<b>DATA INFORMATION</b>		
UNITS	mg/dl	
DECIMALS	1	
<b>ANALYSIS</b>		
TYPE	END	
MAIN WAVELENGTH 1	340	
SUB WAVELENGTH 2	700	
METHOD	MOLYBDATE UV	
<b>CORRELATION</b>		
Y=	SLOPE	X+
	1	0
<b>CALIBRATION</b>		
TYPE	LINEAR	
<b>STANDARD</b>		
#1	USER DEFINED	#4
#2	USER DEFINED	#5
#3		#6
<b>NORMAL RANGE</b>		
	MALE	
	LOW	HIGH
	2.50	4.50
	FEMALE	
	LOW	HIGH
	2.50	4.50
SERUM		
URINE		
PLASMA		
CSF		
DIALYSIS		
OTHER		

<b>ASPIRATION</b>		<b>DATA PROCESS READ</b>			<b>ABSORBANCE LIMIT</b>	
KIND	SINGLE		START	END	LOW	-0.010
	VOLUME	MAIN	50	51	HIGH	3.000
SAMPLE	3					
REAGENT 1 VOL	300					
REAGENT 2	0					
THIRD MIX	OFF	<b>FACTOR</b>		END POINT LIMIT	0.010	
R1 BLANK	WATER BLANK	BLANK CORRECTION	1	LINEAR CHECK(%)		
<b>MONITOR</b>		<b>PROZONE CHECK</b>				
O LEVEL POINT	1		START	END	LIMIT(%)	
SPAN	3	FIRST				
		SECOND				LOW
		THIRD				LOW

<b>AUTO RETURN SW</b>			<b>AUTO RETURN CONDITION (ABSORBANCE)</b>	
	OFF		<b>ABSORBANCE RANGE</b>	
			LOWER	OFF
			HIGHER	OFF
	<b>AUTO RETURN RANGE</b>		<b>PROZONE RANGE</b>	
	OFF	OFF	OFF	
	LOWER	HIGHER		
SERUM	0.5	20.0		
URINE				
PLASMA				
CSF				
DIALYSIS				
OTHER				

**Analyzer: Biolis 24 - Prestige 24i**

Application: **PROTEINS (TOTAL)** - Codes TP 0100 / 0500 / 1000 / 1500 CH

Preparation: LIQUID READY TO USE SINGLE REAGENT

Storage: ROOM TEMPERATURE (2-30°C)

Stability: UNTIL EXPIRATION DATE ON LABEL

ITEM NAME	#	TP		
<b>DATA INFORMATION</b>				
UNITS	g/dl			
DECIMALS	2			
<b>ANALYSIS</b>				
TYPE	END			
MAIN WAVELENGTH 1	546			
SUB WAVELENGTH 2	700			
METHOD	BIURET			
<b>CORRELATION</b>				
Y=	SLOPE 1	X+ INTER 0		
<b>CALIBRATION</b>				
TYPE	LINEAR			
<b>STANDARD</b>				
#1	USER DEFINED	#4		
#2	USER DEFINED	#5		
#3		#6		
<b>NORMAL RANGE</b>				
	MALE		FEMALE	
	LOW	HIGH	LOW	HIGH
SERUM	6.30	8.30	6.00	7.80
URINE				
PLASMA				
CSF				
DIALYSIS				
OTHER				

<b>ASPIRATION</b>		<b>DATA PROCESS READ</b>			<b>ABSORBANCE LIMIT</b>	
KIND	SINGLE		START	END	LOW	-0.010
	VOLUME	MAIN	53	54	HIGH	2.000
SAMPLE	3					
REAGENT 1 VOL	300					
REAGENT 2	0					
THIRD MIX	OFF	<b>FACTOR</b>		END POINT LIMIT	0.010	
R1 BLANK	WATER BLANK	BLANK CORRECTION	1	LINEAR CHECK(%)		
<b>MONITOR</b>		<b>PROZONE CHECK</b>				
O LEVEL POINT	1		START	END	LIMIT(%)	
SPAN	3	FIRST				
		SECOND				LOW
		THIRD				LOW

<b>AUTO RETURN SW</b>			<b>AUTO RETURN CONDITION (ABSORBANCE)</b>	
	OFF		<b>ABSORBANCE RANGE</b>	
			LOWER	OFF
			HIGHER	OFF
	<b>AUTO RETURN RANGE</b>		<b>PROZONE RANGE</b>	
	OFF	OFF	OFF	
	LOWER	HIGHER		
SERUM	1.00	12.00		
URINE				
PLASMA				
CSF				
DIALYSIS				
OTHER				

**Analyzer: Biolis 24 - Prestige 24i**

Application: **PROTEINS HS** - Code HS 0100 / 0500 CH

Preparation: LIQUID READY TO USE SINGLE REAGENT

Storage: ROOM TEMPERATURE (2-30°C)

Stability: UNTIL EXPIRATION DATE ON LABEL

ITEM NAME	#	HS		
<b>DATA INFORMATION</b>				
UNITS	mg/dl			
DECIMALS	0			
<b>ANALYSIS</b>				
TYPE	END			
MAIN WAVELENGTH 1	570			
SUB WAVELENGTH 2	700			
METHOD	PYROGALLOL RED			
<b>CORRELATION</b>				
Y=	SLOPE 1	X+ INTER 0		
<b>CALIBRATION</b>				
TYPE	LINEAR			
<b>STANDARD</b>				
#1	USER DEFINED	#4		
#2	USER DEFINED	#5		
#3		#6		
<b>NORMAL RANGE</b>				
	MALE		FEMALE	
	LOW	HIGH	LOW	HIGH
SERUM				
URINE				
PLASMA				
CSF				
DIALYSIS				
OTHER				

<b>ASPIRATION</b>		<b>DATA PROCESS READ</b>			<b>ABSORBANCE LIMIT</b>	
KIND	SINGLE		START	END	LOW	-0.010
	VOLUME	MAIN	53	54	HIGH	2.000
SAMPLE	3					
REAGENT 1 VOL	300					
REAGENT 2	0					
THIRD MIX	OFF	<b>FACTOR</b>		END POINT LIMIT	0.010	
R1 BLANK	WATER BLANK	BLANK CORRECTION	1	LINEAR CHECK(%)		
<b>MONITOR</b>		<b>PROZONE CHECK</b>				
O LEVEL POINT	1		START	END	LIMIT(%)	
SPAN	3	FIRST				
		SECOND				LOW
		THIRD				LOW

<b>AUTO RETURN SW</b>			<b>AUTO RETURN CONDITION (ABSORBANCE)</b>	
	OFF		<b>ABSORBANCE RANGE</b>	
			LOWER	OFF
			HIGHER	OFF
	<b>AUTO RETURN RANGE</b>		<b>PROZONE RANGE</b>	
	OFF	OFF	OFF	
	LOWER	HIGHER		
SERUM	2	500		
URINE				
PLASMA				
CSF				
DIALYSIS				
OTHER				

**Analyzer: Biolis 24 - Prestige 24i**

Application: **TRIGLYCERIDES FL** - Codes TR F100 / F400 / 100F / 150F CH

Preparation: **LIQUID READY TO USE SINGLE REAGENT**

Storage: **REFRIGERATE AT 2-8°C**

Stability: **UNTIL EXPIRATION DATE ON LABEL**

ITEM NAME	#	TRIG
<b>DATA INFORMATION</b>		
UNITS	mg/dl	
DECIMALS	0	
<b>ANALYSIS</b>		
TYPE	END	
MAIN WAVELENGTH 1	505	
SUB WAVELENGTH 2	700	
METHOD	GPO-PAP	
<b>CORRELATION</b>		
Y=	SLOPE	X+
	1	0
<b>CALIBRATION</b>		
TYPE	LINEAR	
<b>STANDARD</b>		
#1	USER DEFINED	#4
#2	USER DEFINED	#5
#3		#6
<b>NORMAL RANGE</b>		
	MALE	
	FEMALE	
	LOW	HIGH
SERUM	0	200
URINE		
PLASMA		
CSF		
DIALYSIS		
OTHER		

<b>ASPIRATION</b>		<b>DATA PROCESS READ</b>			<b>ABSORBANCE LIMIT</b>	
KIND	SINGLE		START	END	LOW	-0.010
	VOLUME	MAIN	40	41	HIGH	1.500
SAMPLE	3					
REAGENT 1 VOL	300					
REAGENT 2	0					
THIRD MIX	OFF	<b>FACTOR</b>		END POINT LIMIT	0.010	
R1 BLANK	WATER BLANK	BLANK CORRECTION	1	LINEAR CHECK(%)		
<b>MONITOR</b>		<b>PROZONE CHECK</b>				
O LEVEL POINT	1		START	END	LIMIT(%)	
SPAN	3	FIRST				
		SECOND				LOW
		THIRD				LOW

<b>AUTO RETURN SW</b>			<b>AUTO RETURN CONDITION (ABSORBANCE)</b>	
	OFF		<b>ABSORBANCE RANGE</b>	
			LOWER	OFF
			HIGHER	OFF
	<b>AUTO RETURN RANGE</b>		<b>PROZONE RANGE</b>	
	OFF	OFF	OFF	
	LOWER	HIGHER		
SERUM	20	1000		
URINE				
PLASMA				
CSF				
DIALYSIS				
OTHER				

**Analyzer: Biolis 24 - Prestige 24i**

Application: **UREA UV FL** - Codes AZ F080 / F245 / F400 / F600 CH

Preparation: REAGENT # 1 - USE REAGENT A

REAGENT # 2 - USE REAGENT B

Storage: REFRIGERATE AT 2-8°C

Stability: UNTIL EXPIRATION DATE ON LABEL

ITEM NAME	#	UREA	
<b>DATA INFORMATION</b>			
UNITS	mg/dl		
DECIMALS	0		
<b>ANALYSIS</b>			
TYPE	RATE		
MAIN WAVELENGTH 1	340		
SUB WAVELENGTH 2	700		
METHOD	UREASE UV		
<b>CORRELATION</b>			
Y=	SLOPE	X+	INTER
	1		0
<b>CALIBRATION</b>			
TYPE	LINEAR		
<b>STANDARD</b>			
#1	USER DEFINED	#4	
#2	USER DEFINED	#5	
#3		#6	
<b>NORMAL RANGE</b>			
	MALE		FEMALE
	LOW	HIGH	LOW HIGH
SERUM	140	200	140 200
URINE			
PLASMA			
CSF			
DIALYSIS			
OTHER			

<b>ASPIRATION</b>		<b>DATA PROCESS READ</b>			<b>ABSORBANCE LIMIT</b>	
KIND	DOUBLE		START	END	LOW	1.100
	VOLUME	MAIN	34	38	HIGH	2.500
SAMPLE	3					
REAGENT 1 VOL	240					
REAGENT 2	60					
THIRD MIX	OFF	<b>FACTOR</b>		END POINT LIMIT		
R1 BLANK	WATER BLANK	BLANK CORRECTION	1	LINEAR CHECK(%)		90
<b>MONITOR</b>		<b>PROZONE CHECK</b>				
O LEVEL POINT	1		START	END	LIMIT(%)	
SPAN	3	FIRST				
		SECOND				LOW
		THIRD				LOW

<b>AUTO RETURN SW</b>			<b>AUTO RETURN CONDITION (ABSORBANCE)</b>	
	OFF		<b>ABSORBANCE RANGE</b>	
			LOWER	OFF
			HIGHER	OFF
<b>AUTO RETURN RANGE</b>			<b>PROZONE RANGE</b>	
	OFF	OFF	OFF	
	LOWER	HIGHER		
SERUM	5	300		
URINE				
PLASMA				
CSF				
DIALYSIS				
OTHER				



**Analyzer: Biolis 24 - Prestige 24i**

Application: **URIC ACID T FL - Code AU F402 CH**

Preparation: REAGENT # 1 - USE REAGENT A

REAGENT # 2 - USE REAGENT B

Storage: REFRIGERATE AT 2-8°C

Stability: UNTIL EXPIRATION DATE ON LABEL

ITEM NAME	#	UA
<b>DATA INFORMATION</b>		
UNITS	mg/dl	
DECIMALS	2	
<b>ANALYSIS</b>		
TYPE	END	
MAIN WAVELENGTH 1	546	
SUB WAVELENGTH 2	700	
METHOD	URICASE-PAP	
<b>CORRELATION</b>		
Y=	SLOPE	X+
	1	0
<b>CALIBRATION</b>		
TYPE	LINEAR	
<b>STANDARD</b>		
#1	USER DEFINED	#4
#2	USER DEFINED	#5
#3		#6
<b>NORMAL RANGE</b>		
	MALE	
	FEMALE	
	LOW	HIGH
SERUM	3.50	7.20
URINE		
PLASMA		
CSF		
DIALYSIS		
OTHER		

<b>ASPIRATION</b>		<b>DATA PROCESS READ</b>			<b>ABSORBANCE LIMIT</b>	
KIND	DOUBLE		START	END	LOW	-0.010
	VOLUME	MAIN	52	54	HIGH	1.500
SAMPLE	12	SUB	30	31		
REAGENT 1 VOL	270					
REAGENT 2	30					
THIRD MIX	OFF	<b>FACTOR</b>		END POINT LIMIT	0.010	
R1 BLANK	WATER BLANK	BLANK CORRECTION	1	LINEAR CHECK(%)		
<b>MONITOR</b>		<b>PROZONE CHECK</b>				
O LEVEL POINT	1		START	END	LIMIT(%)	
SPAN	3	FIRST				
		SECOND				LOW
		THIRD				LOW

<b>AUTO RETURN SW</b>			<b>AUTO RETURN CONDITION (ABSORBANCE)</b>	
	OFF		<b>ABSORBANCE RANGE</b>	
			LOWER	OFF
			HIGHER	OFF
<b>AUTO RETURN RANGE</b>			<b>PROZONE RANGE</b>	
	OFF	OFF	OFF	
	LOWER	HIGHER		
SERUM	1.00	20.00		
URINE				
PLASMA				
CSF				
DIALYSIS				
OTHER				

**Analyzer: Biolis 24 - Prestige 24i**

Application: **URIC ACID AOX FL - Code AX F100 / F250 / F600 CH**

Preparation: REAGENT # 1 - USE REAGENT A

REAGENT # 2 - USE REAGENT B

Storage: REFRIGERATE AT 2-8°C

Stability: UNTIL EXPIRATION DATE ON LABEL

ITEM NAME	#	UA
<b>DATA INFORMATION</b>		
UNITS	mg/dl	
DECIMALS	2	
<b>ANALYSIS</b>		
TYPE	END	
MAIN WAVELENGTH 1	546	
SUB WAVELENGTH 2	700	
METHOD	URICASE-PAP	
<b>CORRELATION</b>		
Y=	SLOPE	X+
	1	0
<b>CALIBRATION</b>		
TYPE	LINEAR	
<b>STANDARD</b>		
#1	USER DEFINED	#4
#2	USER DEFINED	#5
#3		#6
<b>NORMAL RANGE</b>		
	MALE	
	FEMALE	
	LOW	HIGH
SERUM	3.50	7.20
URINE		
PLASMA		
CSF		
DIALYSIS		
OTHER		

<b>ASPIRATION</b>		<b>DATA PROCESS READ</b>			<b>ABSORBANCE LIMIT</b>	
KIND	DOUBLE		START	END	LOW	-0.010
	VOLUME	MAIN	52	54	HIGH	1.500
SAMPLE	12	SUB	30	31		
REAGENT 1 VOL	200					
REAGENT 2	50					
THIRD MIX	OFF	<b>FACTOR</b>		END POINT LIMIT	0.010	
R1 BLANK	WATER BLANK	BLANK CORRECTION	1	LINEAR CHECK(%)		
<b>MONITOR</b>		<b>PROZONE CHECK</b>				
O LEVEL POINT	1		START	END	LIMIT(%)	
SPAN	3	FIRST				
		SECOND				LOW
		THIRD				LOW

<b>AUTO RETURN SW</b>			<b>AUTO RETURN CONDITION (ABSORBANCE)</b>	
	OFF		<b>ABSORBANCE RANGE</b>	
			LOWER	OFF
			HIGHER	OFF
	<b>AUTO RETURN RANGE</b>		<b>PROZONE RANGE</b>	
	OFF	OFF	OFF	
	LOWER	HIGHER		
SERUM	1.00	20.00		
URINE				
PLASMA				
CSF				
DIALYSIS				
OTHER				

**Analyzer: Biolis 24 - Prestige 24i**

Application: **ZINC** - Code ZN 0125 CH  
 Preparation: PREPARE MIXED REAGENT AS INDICATED IN INSERT SHEET  
 Storage: REFRIGERATE AT 2-8°C  
 Stability: 14 DAYS

ITEM NAME	#	ZN	
<b>DATA INFORMATION</b>			
UNITS	ug/dl		
DECIMALS	0		
<b>ANALYSIS</b>			
TYPE	END		
MAIN WAVELENGTH 1	570		
SUB WAVELENGTH 2	700		
METHOD	NITRO-PAPS		
<b>CORRELATION</b>			
Y=	SLOPE	X+	INTER
	1		0
<b>CALIBRATION</b>			
TYPE	LINEAR		
<b>STANDARD</b>			
#1	USER DEFINED	#4	
#2	USER DEFINED	#5	
#3		#6	
<b>NORMAL RANGE</b>			
	MALE		FEMALE
	LOW	HIGH	LOW HIGH
SERUM	70	150	70 150
URINE			
PLASMA			
CSF			
DIALYSIS			
OTHER			

<b>ASPIRATION</b>		<b>DATA PROCESS READ</b>			<b>ABSORBANCE LIMIT</b>	
KIND	SINGLE		START	END	LOW	-0.010
	VOLUME	MAIN	52	53	HIGH	1.500
SAMPLE	15					
REAGENT 1 VOL	300					
REAGENT 2	0					
THIRD MIX	OFF	<b>FACTOR</b>		END POINT LIMIT	0.010	
R1 BLANK	WATER BLANK	BLANK CORRECTION	1	LINEAR CHECK(%)		
<b>MONITOR</b>		<b>PROZONE CHECK</b>				
O LEVEL POINT	1		START	END	LIMIT(%)	
SPAN	3	FIRST				
		SECOND				LOW
		THIRD				LOW

<b>AUTO RETURN SW</b>			<b>AUTO RETURN CONDITION (ABSORBANCE)</b>	
	OFF		<b>ABSORBANCE RANGE</b>	
			LOWER	OFF
			HIGHER	OFF
	<b>AUTO RETURN RANGE</b>		<b>PROZONE RANGE</b>	
	OFF	OFF	OFF	
	LOWER	HIGHER		
SERUM	20	1000		
URINE				
PLASMA				
CSF				
DIALYSIS				
OTHER				