



**شرکت دلتا درمان پارت**  
سیستم های آزمایشگاهی و مواد مصرفی



دفتر مرکزی: تهران، میدان آرژانتین، خیابان الوند، خیابان سی و پنجم، پلاک ۱۳، طبقه پنجم

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فکس: ۸۸۸۵۶۴۰۳

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APPLICATION A15/A25

		A15	A25
GENERAL	TEST NAME	ALB	ALB
	ANALYSIS SAMPLE	MONOREAGENT END POINT	MONOREAGENT END POINT
	SAMPLE TYPE	SERUM	SERUM
	UNITS	g/dL	g/dL
	REACTION TYPE	INCREASING	INCREASING
	DECIMALS	2	2
	NO. OF REPLICATE	1	1
	TEST NAME IN REPORT		
PROCEDURE	READING	MONOCHROMATIC	MONOCHROMATIC
	SAMPLE	3	3
	REAGENT 1	300	300
	REAGENT 2	-	-
	WASHING (ml)	1.2	1.2
	PREDILUTION FACTOR	-	-
	POST DILUTION FACTOR	***	***
	MAIN	600	600
	REFERENCE	-	-
	READING 1	72 SEC / CYCLE 4	75 SEC / CYCLE 6
	READING 2	-	-
	REAGENT 2	-	-
CALIBRATION	CALIBRATION TYPE	MULTIPLE	MULTIPLE
	CALIBRATION REPLICATE	3	3
	BLANK REPLICATE	3	3
	CALIBRATION CURVE	-	-
	BLANK ABSORBANCE LIMIT	***	***
	LINERITY LIMIT	6	6

	A15	A25
<b>GENERAL</b>	<b>TEST NAME</b> CAL <b>ANALYSIS SAMPLE</b> MONOREAGENT END POINT <b>SAMPLE TYPE</b> SERUM <b>UNITS</b> mg/dL <b>REACTION TYPE</b> INCREASING <b>DECIMALS</b> 1 <b>NO. OF REPLICATE</b> 1 <b>TEST NAME IN REPORT</b>	<b>TEST NAME</b> CAL <b>ANALYSIS SAMPLE</b> MONOREAGENT END POINT <b>SAMPLE TYPE</b> SERUM <b>UNITS</b> mg/dL <b>REACTION TYPE</b> INCREASING <b>DECIMALS</b> 1 <b>NO. OF REPLICATE</b> 1 <b>TEST NAME IN REPORT</b>
<b>PROCEDURE</b>	<b>READING SAMPLE</b> MONOCHROMATIC <b>REAGENT 1</b> 10 <b>REAGENT 2</b> 300 <b>WASHING (ml)</b> - <b>PREDILUTION FACTOR</b> 1.2 <b>POST DILUTION FACTOR</b> - <b>MAIN</b> *** <b>REFERENCE</b> 600 <b>READING 1</b> - <b>READING 2</b> 72 SEC / CYCLE 4 <b>REAGENT 2</b> -	<b>READING SAMPLE</b> MONOCHROMATIC <b>REAGENT 1</b> 10 <b>REAGENT 2</b> 300 <b>WASHING (ml)</b> - <b>PREDILUTION FACTOR</b> 1.2 <b>POST DILUTION FACTOR</b> - <b>MAIN</b> *** <b>REFERENCE</b> 600 <b>READING 1</b> - <b>READING 2</b> 75 SEC / CYCLE 6 <b>REAGENT 2</b> -
<b>CALIBRATION</b>	<b>CALIBRATION TYPE</b> MULTIPLE <b>CALIBRATION REPLICATE</b> 3 <b>BLANK REPLICATE</b> 3 <b>CALIBRATION CURVE</b> -	<b>CALIBRATION TYPE</b> MULTIPLE <b>CALIBRATION REPLICATE</b> 3 <b>BLANK REPLICATE</b> 3 <b>CALIBRATION CURVE</b> -
	<b>BLANK ABSORBANCE LIMIT</b> *** <b>LINERITY LIMIT</b> 15	<b>BLANK ABSORBANCE LIMIT</b> *** <b>LINERITY LIMIT</b> 15

## APPLICATION A15/A25

		A15	A25
GENERAL	TEST NAME	ALP	ALP
	ANALYSIS SAMPLE	BIREAGENT KINETICS	BIREAGENT KINETICS
	SAMPLE TYPE	SERUM	SERUM
	UNITS	U/L	U/L
	REACTION TYPE	INCREASING	INCREASING
	DECIMALS	0	0
	NO. OF REPLICATE	1	1
	TEST NAME IN REPORT	***	***
PROCEDURE	READING	MONOCHROMATIC	MONOCHROMATIC
	SAMPLE	5	5
	REAGENT 1	240	240
	REAGENT 2	60	60
	WASHING (ml)	1.2	1.2
	PREDILUTION FACTOR	-	-
	POST DILUTION FACTOR	***	***
	MAIN	405	405
	REFERENCE	-	-
	READING 1	96 SEC / CYCLE 4	120 SEC / CYCLE 6
	READING 2	240 SEC / CYCLE	255 SEC / CYCLE 18
	REAGENT 2	48 SEC / CYCLE 3	60 SEC / CYCLE 5
CALIBRATION	CALIBRATION TYPE	MULTIPLE	MULTIPLE
	CALIBRATION REPLICATE	3	3
	BLANK REPLICATE	3	3
	CALIBRATION CURVE	-	-
	BLANK ABSORBANCE LIMIT	***	***
	LINERITY LIMIT	900	900

## APPLICATION A15/A25

		A15	A25
GENERAL	TEST NAME	ALT	ALT
	ANALYSIS SAMPLE	BIREAGENT KINETICS	BIREAGENT KINETICS
	SAMPLE TYPE	SERUM	SERUM
	UNITS	U/L	U/L
	REACTION TYPE	DECREAING	DECREAING
	DECIMALS	0	0
	NO. OF REPLICATE	1	1
	TEST NAME IN REPORT	***	***
PROCEDURE	READING	MONOCHROMATIC	MONOCHROMATIC
	SAMPLE	30	30
	REAGENT 1	240	240
	REAGENT 2	60	60
	WASHING (ml)	1.2	1.2
	PREDILUTION FACTOR	-	-
	POST DILUTION FACTOR	***	***
	MAIN	340	340
	REFRENCE	-	-
	READING 1	96 SEC / CYCLE 5	120 SEC / CYCLE 9
	READING 2	240 SEC / CYCLE 12	255 SEC / CYCLE 20
	REAGENT 2	48 SEC / CYCLE 3	60 SEC / CYCLE 5
CALIBRATION	CALIBRATION TYPE	MULTIPLE	MULTIPLE
	CALIBRATION REPLICATE	3	3
	BLANK REPLICATE	3	3
	CALIBRATION CURVE	-	-
	BLANK ABSORBANCE LIMIT	***	***
	LINERITY LIMIT	250	250

## APPLICATION A15/A25

		A15	A25
GENERAL	TEST NAME	AMY	AMY
	ANALYSIS SAMPLE	MONOREAGENT KINETICS	MONOREAGENT KINETICS
	SAMPLE TYPE	SERUM	SERUM
	UNITS	U/L	U/L
	REACTION TYPE	INCREASING	INCREASING
	DECIMALS	0	0
	NO. OF REPLICATE	1	1
	TEST NAME IN REPORT	***	***
PROCEDURE	READING	MONOCHROMATIC	MONOCHROMATIC
	SAMPLE	6	6
	REAGENT 1	300	300
	REAGENT 2	-	-
	WASHING (ml)	1.2	1.2
	PREDILUTION FACTOR	-	-
	POST DILUTION FACTOR	***	***
	MAIN	405	405
	REFERENCE	-	-
	READING 1	48 SEC / CYCLE 3	60 SEC / CYCLE 5
	READING 2	216 SEC / CYCLE 10	225 SEC / CYCLE 16
	REAGENT 2		
CALIBRATION	CALIBRATION TYPE	MULTIPLE	MULTIPLE
	CALIBRATION REPLICATE	3	3
	BLANK REPLICATE	3	3
	CALIBRATION CURVE	-	-
	BLANK ABSORBANCE LIMIT	***	***
	LINERITY LIMIT	2000	2000

## APPLICATION A15/A25

		A15	A25
GENERAL	TEST NAME	AST	AST
	ANALYSIS SAMPLE	BIREAGENT KINETICS	BIREAGENT KINETICS
	SAMPLE TYPE	SERUM	SERUM
	UNITS	U/L	U/L
	REACTION TYPE	DECREAING	DECREAING
	DECIMALS	0	0
	NO. OF REPLICATE	1	1
	TEST NAME IN REPORT	***	***
PROCEDURE	READING	MONOCHROMATIC	MONOCHROMATIC
	SAMPLE	30	30
	REAGENT 1	240	240
	REAGENT 2	60	60
	WASHING (ml)	1.2	1.2
	PREDILUTION FACTOR	-	-
	POST DILUTION FACTOR	***	***
	MAIN	340	340
	REFERENCE	-	-
	READING 1	96 SEC / CYCLE 5	120 SEC / CYCLE 9
	READING 2	240 SEC / CYCLE 12	255 SEC / CYCLE 20
	REAGENT 2	48 SEC / CYCLE 3	60 SEC / CYCLE 5
CALIBRATION	CALIBRATION TYPE	MULTIPLE	MULTIPLE
	CALIBRATION REPLICATE	3	3
	BLANK REPLICATE	3	3
	CALIBRATION CURVE	-	-
	BLANK ABSORBANCE LIMIT	***	***
	LINERITY LIMIT	250	250

APPLICATION A15/A25

		A15	A25
GENERAL	TEST NAME	T.B	T.B
	ANALYSIS SAMPLE	BIREAGENT DIFFERENTIAL	BIREAGENT DIFFERENTIAL
	SAMPLE TYPE	SERUM	SERUM
	UNITS	mg/dL	mg/dl
	REACTION TYPE	INCREASING	INCREASING
	DECIMALS	2	2
	NO. OF REPLICATE	1	1
	TEST NAME IN REPORT	***	***
PROCEDURE	READING	MONOCHROMATIC	MONOCHROMATIC
	SAMPLE	7	7
	REAGENT 1	240	240
	REAGENT 2	60	60
	WASHING (ml)	1.2	1.2
	PREDILUTION FACTOR	-	-
	POST DILUTION FACTOR	***	***
	MAIN	550	550
	REFERENCE	-	-
	READING 1	264 SEC / CYCLE 12	270 SEC / CYCLE 19
	READING 2	600 SEC / CYCLE 26	600 SEC / CYCLE 41
	REAGENT 2	288 SEC / CYCLE 13	285 SEC / CYCLE 20
CALIBRATION	CALIBRATION TYPE	MULTIPLE	MULTIPLE
	CALIBRATION REPLICATE	3	3
	BLANK REPLICATE	3	3
	CALIBRATION CURVE	-	-
	BLANK ABSORBANCE LIMIT	***	***
	LINERITY LIMIT	20 BILI TOTAL/ 18 BILI DIRECT	20 BILI TOTAL/ 18 BILI DIRECT

APPLICATION A15/A25

		A15	A25
GENERAL	TEST NAME	D.B	D.B
	ANALYSIS SAMPLE	BIREAGENT DIFFERENTIAL	BIREAGENT DIFFERENTIAL
	SAMPLE TYPE	SERUM	SERUM
	UNITS	mg/dL	mg/dL
	REACTION TYPE	INCREASING	INCREASING
	DECIMALS	2	2
	NO. OF REPLICATE	1	1
	TEST NAME IN REPORT	***	***
PROCEDURE	READING	MONOCHROMATIC	MONOCHROMATIC
	SAMPLE	30	30
	REAGENT 1	240	240
	REAGENT 2	60	60
	WASHING (ml)	1.2	1.2
	PREDILUTION FACTOR	-	-
	POST DILUTION FACTOR	***	***
	MAIN	550	550
	REFERENCE	-	-
	READING 1	264 SEC / CYCLE 12	270 SEC / CYCLE 19
	READING 2	600 SEC / CYCLE 26	600 SEC / CYCLE 41
	REAGENT 2	288 SEC / CYCLE 13	285 SEC / CYCLE 20
CALIBRATION	CALIBRATION TYPE	MULTIPLE	MULTIPLE
	CALIBRATION REPLICATE	3	3
	BLANK REPLICATE	3	3
	CALIBRATION CURVE	-	-
	BLANK ABSORBANCE LIMIT	***	***
	LINEARITY LIMIT	20 BILI TOTAL/ 18 BILI DIRECT	20 BILI TOTAL/ 18 BILI DIRECT

APPLICATION A15/A25

		A15	A25
GENERAL	TEST NAME	CHOL	CHOL
	ANALYSIS SAMPLE	MONOREAGENT END POINT	MONOREAGENT END POINT
	SAMPLE TYPE	SERUM	SERUM
	UNITS	mg/dL	mg/dL
	REACTION TYPE	INCREASING	INCREASING
	DECIMALS	0	0
	NO. OF REPLICATE	1	1
	TEST NAME IN REPORT		
PROCEDURE	READING	MONOCHROMATIC	MONOCHROMATIC
	SAMPLE	3	3
	REAGENT 1	300	300
	REAGENT 2	-	-
	WASHING (ml)	1.2	1.2
	PREDILUTION FACTOR	-	-
	POST DILUTION FACTOR	***	***
	MAIN	505	505
	REFRENCE	-	-
	READING 1	312 SEC / CYCLE 14	300 SEC / CYCLE 21
	READING 2	-	-
	REAGENT 2	-	-
CALIBRATION	CALIBRATION TYPE	MULTIPLE	MULTIPLE
	CALIBRATION REPLICATE	3	3
	BLANK REPLICATE	3	3
	CALIBRATION CURVE	-	-
	BLANK ABSORBANCE LIMIT	***	***
	LINERITY LIMIT	600	600

## APPLICATION A15/A25

		A15	A25
GENERAL	TEST NAME	HDL	HDL
	ANALYSIS SAMPLE	BIREAGENT DIFFERENTIAL	BIREAGENT DIFFERENTIAL
	SAMPLE TYPE	SERUM	SERUM
	UNITS	mg/dL	mg/dL
	REACTION TYPE	INCREASING	INCREASING
	DECIMALS	0	0
	NO. OF REPLICATE	1	1
	TEST NAME IN REPORT	***	***
PROCEDURE	READING	MONOCHROMATIC	MONOCHROMATIC
	SAMPLE	3	3
	REAGENT 1	240	300
	REAGENT 2	80	100
	WASHING (ml)	1.2	1.2
	PREDILUTION FACTOR	-	-
	POST DILUTION FACTOR	***	***
	MAIN	600	600
	REFERENCE	-	-
	READING 1	288 SEC / CYCLE 12	285 SEC / CYCLE 19
READING 2	600 SEC / CYCLE 26	600 SEC / CYCLE 41	
REAGENT 2	312 SEC / CYCLE 14	300 SEC / CYCLE 21	
CALIBRATION	CALIBRATION TYPE	MULTIPLE	MULTIPLE
	CALIBRATION REPLICATE	3	3
	BLANK REPLICATE	3	3
	CALIBRATION CURVE	-	-
	BLANK ABSORBANCE LIMIT	***	***
	LINERITY LIMIT	200	200

## APPLICATION A15/A25

		A15	A25
GENERAL	TEST NAME	IRON	IRON
	ANALYSIS SAMPLE	BIREAGENT DIFFERENTIAL	BIREAGENT DIFFERENTIAL
	SAMPLE TYPE	SERUM	SERUM
	UNITS	µg/dL	µg/dL
	REACTION TYPE	INCREASING	INCREASING
	DECIMALS	0	0
	NO. OF REPLICATE	1	1
	TEST NAME IN REPORT	***	***
PROCEDURE	READING	MONOCHROMATIC	MONOCHROMATIC
	SAMPLE	30	30
	REAGENT 1	240	240
	REAGENT 2	60	60
	WASHING (ml)	1.2	1.2
	PREDILUTION FACTOR	-	-
	POST DILUTION FACTOR	***	***
	MAIN	550	550
	REFERENCE	-	-
	READING 1	48 SEC / CYCLE 3	60 SEC / CYCLE 5
READING 2	432 SEC / CYCLE 19	420 SEC / CYCLE 29	
REAGENT 2	120 SEC / CYCLE 6	120 SEC / CYCLE 9	
CALIBRATION	CALIBRATION TYPE	MULTIPLE	MULTIPLE
	CALIBRATION REPLICATE	3	3
	BLANK REPLICATE	3	3
	CALIBRATION CURVE	-	-
	BLANK ABSORBANCE LIMIT	***	***
	LINERITY LIMIT	900	900

## APPLICATION A15/A25

		A15	A25
GENERAL	TEST NAME	LDL	LDL
	ANALYSIS SAMPLE	BIREAGENT DIFFERENTIAL	BIREAGENT DIFFERENTIAL
	SAMPLE TYPE	SERUM	SERUM
	UNITS	mg/dL	mg/dL
	REACTION TYPE	INCREASING	INCREASING
	DECIMALS	0	0
	NO. OF REPLICATE	1	1
	TEST NAME IN REPORT	***	***
PROCEDURE	READING	MONOCHROMATIC	MONOCHROMATIC
	SAMPLE	3	3
	REAGENT 1	240	300
	REAGENT 2	80	100
	WASHING (ml)	1.2	1.2
	PREDILUTION FACTOR	-	-
	POST DILUTION FACTOR	***	***
	MAIN	600	600
	REFERENCE	-	-
	READING 1	288 SEC / CYCLE 12	285 SEC / CYCLE 19
	READING 2	600 SEC / CYCLE 26	600 SEC / CYCLE 41
	REAGENT 2	312 SEC / CYCLE 14	300 SEC / CYCLE 21
CALIBRATION	CALIBRATION TYPE	MULTIPLE	MULTIPLE
	CALIBRATION REPLICATE	3	3
	BLANK REPLICATE	3	3
	CALIBRATION CURVE	-	-
	BLANK ABSORBANCE LIMIT	***	***
	LINERITY LIMIT	700	700

APPLICATION A15/A25

		A15	A25
GENERAL	TEST NAME	CREA	CREA
	ANALYSIS SAMPLE	BIREAGENT KINETICS	BIREAGENT KINETICS
	SAMPLE TYPE	SERUM	SERUM
	UNITS	mg/dL	mg/dL
	REACTION TYPE	INCREASING	INCREASING
	DECIMALS	2	2
	NO. OF REPLICATE	1	1
	TEST NAME IN REPORT	***	***
PROCEDURE	READING	MONOCHROMATIC	MONOCHROMATIC
	SAMPLE	15	15
	REAGENT 1	130	130
	REAGENT 2	130	130
	WASHING (ml)	1.2	1.2
	PREDILUTION FACTOR	-	-
	POST DILUTION FACTOR	***	***
	MAIN	505	505
	REFERENCE	-	-
	READING 1	48 SEC / CYCLE 3	45 SEC / CYCLE 4
	READING 2	168 SEC / CYCLE 8	165 SEC / CYCLE 12
	REAGENT 2	24 SEC / CYCLE 2	15 SEC / CYCLE 2
CALIBRATION	CALIBRATION TYPE	MULTIPLE	MULTIPLE
	CALIBRATION REPLICATE	3	3
	BLANK REPLICATE	3	3
	CALIBRATION CURVE	-	-
	BLANK ABSORBANCE LIMIT	***	***
	LINERITY LIMIT	15	15

## APPLICATION A15/A25

		A15	A25
GENERAL	TEST NAME	MG	MG
	ANALYSIS SAMPLE	MONOREAGENT END POINT	MONOREAGENT END POINT
	SAMPLE TYPE	SERUM	SERUM
	UNITS	mg/dL	mg/dL
	REACTION TYPE	INCREASING	INCREASING
	DECIMALS	2	2
	NO. OF REPLICATE	1	1
	TEST NAME IN REPORT		
PROCEDURE	READING	MONOCHROMATIC	MONOCHROMATIC
	SAMPLE	3	3
	REAGENT 1	300	300
	REAGENT 2	-	-
	WASHING (ml)	1.2	1.2
	PREDILUTION FACTOR	-	-
	POST DILUTION FACTOR	***	***
	MAIN	550	550
	REFERENCE	-	-
	READING 1	312 SEC / CYCLE 14	300 SEC / CYCLE 21
	READING 2	-	-
	REAGENT 2	-	-
CALIBRATION	CALIBRATION TYPE	MULTIPLE	MULTIPLE
	CALIBRATION REPLICATE	3	3
	BLANK REPLICATE	3	3
	CALIBRATION CURVE	-	-
	BLANK ABSORBANCE LIMIT	***	***
	LINERITY LIMIT	5	5

## APPLICATION A15/A25

		A15	A25
GENERAL	TEST NAME	PHOS	PHOS
	ANALYSIS SAMPLE	MONOREAGENT END POINT	MONOREAGENT END POINT
	SAMPLE TYPE	SERUM	SERUM
	UNITS	mg/dL	mg/dL
	REACTION TYPE	INCREASING	INCREASING
	DECIMALS	2	2
	NO. OF REPLICATE	1	1
	TEST NAME IN REPORT		
PROCEDURE	READING	MONOCHROMATIC	MONOCHROMATIC
	SAMPLE	3	3
	REAGENT 1	300	300
	REAGENT 2	-	-
	WASHING (ml)	1.2	1.2
	PREDILUTION FACTOR	-	-
	POST DILUTION FACTOR	***	***
	MAIN	340	340
	REFERENCE	-	-
	READING 1	312 SEC / CYCLE 14	300 SEC / CYCLE 21
	READING 2	-	-
	REAGENT 2	-	-
CALIBRATION	CALIBRATION TYPE	MULTIPLE	MULTIPLE
	CALIBRATION REPLICATE	3	3
	BLANK REPLICATE	3	3
	CALIBRATION CURVE	-	-
	BLANK ABSORBANCE LIMIT	***	***
	LINERITY LIMIT	20	20

APPLICATION A15/A25

		A15	A25
GENERAL	TEST NAME	TP	TP
	ANALYSIS SAMPLE	MONOREAGENT END POINT	MONOREAGENT END POINT
	SAMPLE TYPE	SERUM	SERUM
	UNITS	g/dL	g/dL
	REACTION TYPE	INCREASING	INCREASING
	DECIMALS	2	2
	NO. OF REPLICATE	1	1
	TEST NAME IN REPORT		
PROCEDURE	READING	MONOCHROMATIC	MONOCHROMATIC
	SAMPLE	8	8
	REAGENT 1	320	320
	REAGENT 2	-	-
	WASHING (ml)	1.2	1.2
	PREDILUTION FACTOR	-	-
	POST DILUTION FACTOR	***	***
	MAIN	560	560
	REFERENCE	-	-
	READING 1	600 SEC / CYCLE 26	600 SEC / CYCLE 14
	READING 2	-	-
	REAGENT 2	-	-
CALIBRATION	CALIBRATION TYPE	MULTIPLE	MULTIPLE
	CALIBRATION REPLICATE	3	3
	BLANK REPLICATE	3	3
	CALIBRATION CURVE	-	-
	BLANK ABSORBANCE LIMIT	***	***
	LINERITY LIMIT	10	10

## APPLICATION A15/A25

		A15	A25
GENERAL	TEST NAME	UREA	UREA
	ANALYSIS SAMPLE	BIREAGENT KINETICS	BIREAGENT KINETICS
	SAMPLE TYPE	SERUM	SERUM
	UNITS	mg/dL	mg/dL
	REACTION TYPE	DECREAING	DECREAING
	DECIMALS	0	0
	NO. OF REPLICATE	1	1
	TEST NAME IN REPORT	***	***
PROCEDURE	READING	MONOCHROMATIC	MONOCHROMATIC
	SAMPLE	3	3
	REAGENT 1	240	240
	REAGENT 2	60	60
	WASHING (ml)	1.2	1.2
	PREDILUTION FACTOR	-	-
	POST DILUTION FACTOR	***	***
	MAIN	340	340
	REFRENCE	-	-
	READING 1	72 SEC / CYCLE 4	9 SEC / CYCLE 7
	READING 2	192 SEC / CYCLE 9	195 SEC / CYCLE 14
	REAGENT 2	48 SEC / CYCLE 3	60 SEC / CYCLE 5
CALIBRATION	CALIBRATION TYPE	MULTIPLE	MULTIPLE
	CALIBRATION REPLICATE	3	3
	BLANK REPLICATE	3	3
	CALIBRATION CURVE	-	-
	BLANK ABSORBANCE LIMIT	***	***
	LINERITY LIMIT	300	300

APPLICATION A15/A25

		A15	A25
GENERAL	TEST NAME	Uric Acid	Uric Acid
	ANALYSIS SAMPLE	Bireagent k end Point	Bireagent end Point
	SAMPLE TYPE	SERUM	SERUM
	UNITS	mg/dL	mg/dL
	REACTION TYPE	INCREASING	INCREASING
	DECIMALS	2	2
	NO. OF REPLICATE	1	1
	TEST NAME IN REPORT		
PROCEDURE	READING	MONOCHROMATIC	MONOCHROMATIC
	SAMPLE	8	8
	REAGENT 1	160	160
	REAGENT 2	160	160
	WASHING (ml)	1.2	1.2
	PREDILUTION FACTOR	-	-
	POST DILUTION FACTOR	***	***
	MAIN	560	560
	REFERENCE	-	-
	READING 1	360 Sec/ Cycle n*16	360 sec /Cycle n*25
	READING 2		
	REAGENT 2	48 Sec / Cycle n*3	60 Sec / Cycle n*5
CALIBRATION	CALIBRATION TYPE	MULTIPLE	MULTIPLE
	CALIBRATION REPLICATE	3	3
	BLANK REPLICATE	3	3
	CALIBRATION CURVE	-	-
	BLANK ABSORBANCE LIMIT	***	***
	LINERITY LIMIT	25	25

## APPLICATION A15/A25

		A15	A25
GENERAL	TEST NAME	LDH	LDH
	ANALYSIS SAMPLE	Bireagent Kinetic	Bireagent Kinetic
	SAMPLE TYPE	SERUM	SERUM
	UNITS	U/L	U/L
	REACTION TYPE	DECREASING	DECREASING
	DECIMALS	0	0
	NO. OF REPLICATE	1	1
	TEST NAME IN REPORT		
PROCEDURE	READING	MONOCHROMATIC	MONOCHROMATIC
	SAMPLE	6	6
	REAGENT 1	240	240
	REAGENT 2	60	60
	WASHING (ml)	1.2	1.2
	PREDILUTION FACTOR	-	-
	POST DILUTION FACTOR	***	***
	MAIN	340	340
	REFERENCE	-	-
	READING 1	72 Sec/ Cycle n*4	90 sec /Cycle n*7
	READING 2	192 Sec / Cycle n*9	195 Sec / Cycle n*14
	REAGENT 2	48 Sec / Cycle n*3	60 Sec / Cycle n*5
CALIBRATION	CALIBRATION TYPE	MULTIPLE	MULTIPLE
	CALIBRATION REPLICATE	3	3
	BLANK REPLICATE	3	3
	CALIBRATION CURVE	-	-
	BLANK ABSORBANCE LIMIT	***	***
	LINERITY LIMIT	1500	1500

APPLICATION A15/A25

		A15	A25
GENERAL	TEST NAME	GLU	GLU
	ANALYSIS SAMPLE	MONOREAGENT END POINT	MONOREAGENT END POINT
	SAMPLE TYPE	SERUM	SERUM
	UNITS	mg/dL	mg/dL
	REACTION TYPE	INCREASING	INCREASING
	DECIMALS	0	0
	NO. OF REPLICATE	1	1
	TEST NAME IN REPORT		
PROCEDURE	READING	MONOCHROMATIC	MONOCHROMATIC
	SAMPLE	3	3
	REAGENT 1	300	300
	REAGENT 2	-	-
	WASHING (ml)	1.2	1.2
	PREDILUTION FACTOR	-	-
	POST DILUTION FACTOR	***	***
	MAIN	505	505
	REFERENCE	-	-
	READING 1	600sec/cycle n* 26	600sec/ cycle n* 41
	READING 2	SERUM	-
	REAGENT 2	-	-
CALIBRATION	CALIBRATION TYPE	MULTIPLE	MULTIPLE
	CALIBRATION REPLICATE	3	3
	BLANK REPLICATE	3	3
	CALIBRATION CURVE	-	-
	BLANK ABSORBANCE LIMIT	***	***
	LINERITY LIMIT	400	400

## APPLICATION A15/A25

		A15	A25
GENERAL	TEST NAME	TG	TG
	ANALYSIS SAMPLE	MONOREAGENT END POINT	MONOREAGENT END POINT
	SAMPLE TYPE	SERUM	SERUM
	UNITS	mg/dL	mg/dL
	REACTION TYPE	INCREASING	INCREASING
	DECIMALS	0	0
	NO. OF REPLICATE	1	1
	TEST NAME IN REPORT		
PROCEDURE	READING	MONOCHROMATIC	MONOCHROMATIC
	SAMPLE	3	3
	REAGENT 1	300	300
	REAGENT 2	-	-
	WASHING (ml)	1.2	1.2
	PREDILUTION FACTOR	-	-
	POST DILUTION FACTOR	***	***
	MAIN	505	505
	REFERENCE	-	-
	READING 1	432 SEC / CYCLE 4	435 SEC / CYCLE 6
	READING 2	-	-
	REAGENT 2	-	-
CALIBRATION	CALIBRATION TYPE	MULTIPLE	MULTIPLE
	CALIBRATION REPLICATE	3	3
	BLANK REPLICATE	3	3
	CALIBRATION CURVE	-	-
	BLANK ABSORBANCE LIMIT	***	***
	LINERITY LIMIT	1000	1000

GENERAL	TEST NAME	CRP	CRP
	ANALYSIS SAMPLE	BIREAGENT DIFFERENTIAL	BIREAGENT DIFFERENTIAL
	SAMPLE TYPE	SERUM	SERUM
	UNITS	mg/dL	mg/dL
	REACTION TYPE	INCREASING	INCREASING
	DECIMALS	1	1
	NO. OF REPLICATE	1	1
	TEST NAME IN REPORT	***	***
PROCEDURE	READING	MONOCHROMATIC	MONOCHROMATIC
	SAMPLE	3	3
	REAGENT 1	240	240
	REAGENT 2	60	60
	WASHING (ml)	1.2	1.2
	PREDILUTION FACTOR	-	-
	POST DILUTION FACTOR	***	***
	MAIN	600	600
	REFERENCE	-	-
	READING 1	288 SEC / CYCLE 12	285 SEC / CYCLE 19
	READING 2	600 SEC / CYCLE 26	600 SEC / CYCLE 41
	REAGENT 2	312 SEC / CYCLE 14	300 SEC / CYCLE 21
CALIBRATION	CALIBRATION TYPE	SPLINE	SPLINE
	CALIBRATION REPLICATE	1	1
	BLANK REPLICATE	1	1
	CALIBRATION CURVE	-	-
	BLANK ABSORBANCE LIMIT	***	***
	LINERITY LIMIT	150	150

GENERAL	TEST NAME	RF	RF
	ANALYSIS SAMPLE	BIREAGENT DIFFERENTIAL	BIREAGENT DIFFERENTIAL
	SAMPLE TYPE	SERUM	SERUM
	UNITS	mg/dL	mg/dL
	REACTION TYPE	INCREASING	INCREASING
	DECIMALS	1	1
	NO. OF REPLICATE	1	1
	TEST NAME IN REPORT	***	***
PROCEDURE	READING	MONOCHROMATIC	MONOCHROMATIC
	SAMPLE	5	5
	REAGENT 1	240	240
	REAGENT 2	60	60
	WASHING (ml)	1.2	1.2
	PREDILUTION FACTOR	-	-
	POST DILUTION FACTOR	***	***
	MAIN	600	600
	REFERENCE	-	-
	READING 1	288 SEC / CYCLE 12	285 SEC / CYCLE 19
	READING 2	600 SEC / CYCLE 26	600 SEC / CYCLE 41
	REAGENT 2	312 SEC / CYCLE 14	300 SEC / CYCLE 21
CALIBRATION	CALIBRATION TYPE	SPLINE	SPLINE
	CALIBRATION REPLICATE	1	1
	BLANK REPLICATE	1	1
	CALIBRATION CURVE	-	-
	BLANK ABSORBANCE LIMIT	***	***
	LINERITY LIMIT	160	160

## APPLICATION A15/A25

		A15	A25
GENERAL	TEST NAME	ASO	ASO
	ANALYSIS SAMPLE	BIREAGENT DIFFERENTIAL	BIREAGENT DIFFERENTIAL
	SAMPLE TYPE	SERUM	SERUM
	UNITS	mg/dL	mg/dL
	REACTION TYPE	INCREASING	INCREASING
	DECIMALS	1	1
	NO. OF REPLICATE	1	1
	TEST NAME IN REPORT	***	***
PROCEDURE	READING	MONOCHROMATIC	MONOCHROMATIC
	SAMPLE	3	3
	REAGENT 1	200	200
	REAGENT 2	50	50
	WASHING (ml)	1.2	1.2
	PREDILUTION FACTOR	-	-
	POST DILUTION FACTOR	***	***
	MAIN	600	600
	REFERENCE	-	-
	READING 1	288 SEC / CYCLE 12	285 SEC / CYCLE 19
	READING 2	600 SEC / CYCLE 26	600 SEC / CYCLE 41
	REAGENT 2	312 SEC / CYCLE 14	300 SEC / CYCLE 21
CALIBRATION	CALIBRATION TYPE	SPLINE	SPLINE
	CALIBRATION REPLICATE	1	1
	BLANK REPLICATE	1	1
	CALIBRATION CURVE	-	-
	BLANK ABSORBANCE LIMIT	***	***
	LINERITY LIMIT	800	800

<b>GENERAL</b>	TEST NAME	IGA	IGA
	ANALYSIS SAMPLE	BIREAGENT DIFFERENTIAL	BIREAGENT DIFFERENTIAL
	SAMPLE TYPE	SERUM	SERUM
	UNITS	mg/dL	mg/dL
	REACTION TYPE	INCREASING	INCREASING
	DECIMALS	0	0
	NO. OF REPLICATE	1	1
	TEST NAME IN REPORT	***	***
<b>PROCEDURE</b>	READING	MONOCHROMATIC	MONOCHROMATIC
	SAMPLE	3	3
	REAGENT 1	240	240
	REAGENT 2	60	60
	WASHING (ml)	1.2	1.2
	PREDILUTION FACTOR	-	-
	POST DILUTION FACTOR	***	***
	MAIN	600	600
	REFERENCE	-	-
	READING 1	288 SEC / CYCLE 12	285 SEC / CYCLE 19
	READING 2	600 SEC / CYCLE 26	600 SEC / CYCLE 41
	REAGENT 2	312 SEC / CYCLE 14	300 SEC / CYCLE 21
<b>CALIBRATION</b>	CALIBRATION TYPE	SPLINE	SPLINE
	CALIBRATION REPLICATE	1	1
	BLANK REPLICATE	1	1
	CALIBRATION CURVE	-	-
	BLANK ABSORBANCE LIMIT	***	***
	LINERITY LIMIT	600	600

GENERAL	TEST NAME	IGM	IGM
	ANALYSIS SAMPLE	BIREAGENT DIFFERENTIAL	BIREAGENT DIFFERENTIAL
	SAMPLE TYPE	SERUM	SERUM
	UNITS	mg/dL	mg/dL
	REACTION TYPE	INCREASING	INCREASING
	DECIMALS	0	0
	NO. OF REPLICATE	1	1
	TEST NAME IN REPORT	***	***
PROCEDURE	READING	MONOCHROMATIC	MONOCHROMATIC
	SAMPLE	3	3
	REAGENT 1	240	240
	REAGENT 2	60	60
	WASHING (ml)	1.2	1.2
	PREDILUTION FACTOR	-	-
	POST DILUTION FACTOR	***	***
	MAIN	340	340
	REFERENCE	-	-
	READING 1	288 SEC / CYCLE 12	285 SEC / CYCLE 19
	READING 2	600 SEC / CYCLE 26	600 SEC / CYCLE 41
	REAGENT 2	312 SEC / CYCLE 14	300 SEC / CYCLE 21
CALIBRATION	CALIBRATION TYPE	SPLINE	SPLINE
	CALIBRATION REPLICATE	1	1
	BLANK REPLICATE	1	1
	CALIBRATION CURVE	-	-
	BLANK ABSORBANCE LIMIT	***	***
	LINERITY LIMIT	300	300

GENERAL	TEST NAME	IGG	IGG
	ANALYSIS SAMPLE	BIREAGENT DIFFERENTIAL	BIREAGENT DIFFERENTIAL
	SAMPLE TYPE	SERUM	SERUM
	UNITS	mg/dL	mg/dL
	REACTION TYPE	INCREASING	INCREASING
	DECIMALS	0	0
	NO. OF REPLICATE	1	1
	TEST NAME IN REPORT	***	***
PROCEDURE	READING	MONOCHROMATIC	MONOCHROMATIC
	SAMPLE	3	3
	REAGENT 1	240	240
	REAGENT 2	60	60
	WASHING (ml)	1.2	1.2
	PREDILUTION FACTOR	-	-
	POST DILUTION FACTOR	***	***
	MAIN	600	600
	REFERENCE	-	-
	READING 1	288 SEC / CYCLE 12	285 SEC / CYCLE 19
	READING 2	600 SEC / CYCLE 26	600 SEC / CYCLE 41
	REAGENT 2	312 SEC / CYCLE 14	300 SEC / CYCLE 21
CALIBRATION	CALIBRATION TYPE	SPLINE	SPLINE
	CALIBRATION REPLICATE	1	1
	BLANK REPLICATE	1	1
	CALIBRATION CURVE	-	-
	BLANK ABSORBANCE LIMIT	***	***
	LINERITY LIMIT	3000	3000

GENERAL	TEST NAME	C3	C3
	ANALYSIS SAMPLE	BIREAGENT DIFFERENTIAL	BIREAGENT DIFFERENTIAL
	SAMPLE TYPE	SERUM	SERUM
	UNITS	mg/dL	mg/dL
	REACTION TYPE	INCREASING	INCREASING
	DECIMALS	0	0
	NO. OF REPLICATE	1	1
	TEST NAME IN REPORT	***	***
PROCEDURE	READING	MONOCHROMATIC	MONOCHROMATIC
	SAMPLE	3	3
	REAGENT 1	240	240
	REAGENT 2	60	60
	WASHING (ml)	1.2	1.2
	PREDILUTION FACTOR	-	-
	POST DILUTION FACTOR	***	***
	MAIN	340	340
	REFERENCE	-	-
	READING 1	288 SEC / CYCLE 12	285 SEC / CYCLE 19
	READING 2	600 SEC / CYCLE 26	600 SEC / CYCLE 41
	REAGENT 2	312 SEC / CYCLE 14	300 SEC / CYCLE 21
CALIBRATION	CALIBRATION TYPE	SPLINE	SPLINE
	CALIBRATION REPLICATE	1	1
	BLANK REPLICATE	1	1
	CALIBRATION CURVE	-	-
	BLANK ABSORBANCE LIMIT	***	***
	LINERITY LIMIT	395	395

APPLICATION A15/A25

		A15	A25
GENERAL	TEST NAME	C4	C4
	ANALYSIS SAMPLE	BIREAGENT DIFFERENTIAL	BIREAGENT DIFFERENTIAL
	SAMPLE TYPE	SERUM	SERUM
	UNITS	mg/dL	mg/dL
	REACTION TYPE	INCREASING	INCREASING
	DECIMALS	0	0
	NO. OF REPLICATE	1	1
	TEST NAME IN REPORT	***	***
PROCEDURE	READING	MONOCHROMATIC	MONOCHROMATIC
	SAMPLE	6	6
	REAGENT 1	240	240
	REAGENT 2	60	60
	WASHING (ml)	1.2	1.2
	PREDILUTION FACTOR	-	-
	POST DILUTION FACTOR	***	***
	MAIN	340	340
	REFERENCE	-	-
	READING 1	288 SEC / CYCLE 12	285 SEC / CYCLE 19
	READING 2	600 SEC / CYCLE 26	600 SEC / CYCLE 41
	REAGENT 2	312 SEC / CYCLE 14	300 SEC / CYCLE 21
CALIBRATION	CALIBRATION TYPE	SPLINE	SPLINE
	CALIBRATION REPLICATE	1	1
	BLANK REPLICATE	1	1
	CALIBRATION CURVE	-	-
	BLANK ABSORBANCE LIMIT	***	***
	LINERITY LIMIT	100	100

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GENERAL	TEST NAME	CU	CU
	ANALYSIS SAMPLE	MONOREAGENT END POINT	MONOREAGENT END POINT
	SAMPLE TYPE	SERUM	SERUM
	UNITS	µg/dL	µg/dl
	REACTION TYPE	INCREASING	INCREASING
	DECIMALS	1	1
	NO. OF REPLICATE	1	1
	TEST NAME IN REPORT		
PROCEDURE	READING	MONOCHROMATIC	MONOCHROMATIC
	SAMPLE	15	15
	REAGENT 1	300	300
	REAGENT 2	-	-
	WASHING (ml)	1.2	1.2
	PREDILUTION FACTOR	-	-
	POST DILUTION FACTOR	***	***
	MAIN	550	550
	REFERENCE	-	-
	READING 1	264 SEC / CYCLE 12	270 SEC / CYCLE 19
	READING 2	-	-
	REAGENT 2	-	-
CALIBRATION	CALIBRATION TYPE	MULTIPLE	MULTIPLE
	CALIBRATION REPLICATE	3	3
	BLANK REPLICATE	3	3
	CALIBRATION CURVE	-	-
	BLANK ABSORBANCE LIMIT	***	***
	LINERITY LIMIT	500	500

GENERAL	TEST NAME	ZN	ZN
	ANALYSIS SAMPLE	MONOREAGENT END POINT	MONOREAGENT END POINT
	SAMPLE TYPE	SERUM	SERUM
	UNITS	µg/dL	µg/dL
	REACTION TYPE	INCREASING	INCREASING
	DECIMALS	1	1
	NO. OF REPLICATE	1	1
	TEST NAME IN REPORT		
PROCEDURE	READING	MONOCHROMATIC	MONOCHROMATIC
	SAMPLE	15	15
	REAGENT 1	300	300
	REAGENT 2	-	-
	WASHING (ml)	1.2	1.2
	PREDILUTION FACTOR	-	-
	POST DILUTION FACTOR	***	***
	MAIN	550	550
	REFERENCE	-	-
	READING 1	264 SEC / CYCLE 12	270 SEC / CYCLE 19
	READING 2	-	-
	REAGENT 2	-	-
CALIBRATION	CALIBRATION TYPE	MULTIPLE	MULTIPLE
	CALIBRATION REPLICATE	3	3
	BLANK REPLICATE	3	3
	CALIBRATION CURVE	-	-
	BLANK ABSORBANCE LIMIT	***	***
	LINERITY LIMIT	500	500

GENERAL	TEST NAME	TIBC	TIBC
	ANALYSIS SAMPLE	BIREAGENT DIFFERENTIAL	BIREAGENT DIFFERENTIAL
	SAMPLE TYPE	SERUM	SERUM
	UNITS	mg/dL	mg/dL
	REACTION TYPE	INCREASING	INCREASING
	DECIMALS	0	0
	NO. OF REPLICATE	1	1
	TEST NAME IN REPORT	***	***
PROCEDURE	READING	MONOCHROMATIC	MONOCHROMATIC
	SAMPLE	25	25
	REAGENT 1	250	250
	REAGENT 2	75	75
	WASHING (ml)	1.2	1.2
	PREDILUTION FACTOR	-	-
	POST DILUTION FACTOR	***	***
	MAIN	660	660
	REFERENCE	-	-
	READING 1	288 SEC / CYCLE 12	285 SEC / CYCLE 19
	READING 2	600 SEC / CYCLE 26	600 SEC / CYCLE 41
	REAGENT 2	312 SEC / CYCLE 14	300 SEC / CYCLE 21
CALIBRATION	CALIBRATION TYPE	MULTIPLE	MULTIPLE
	CALIBRATION REPLICATE	3	3
	BLANK REPLICATE	3	3
	CALIBRATION CURVE	-	-
	BLANK ABSORBANCE LIMIT	***	***
	LINERITY LIMIT	694	694