



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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TEST NAME

ACE

SAMPLE VOLUME

TEST	ACE
FULL NAME	ACE

REAGENT VOLUME

R1	250
R2	

	DISP
Standard	25
Increase	
Decrease	

REACTION PARAMETER

Reac. TIPE	FIXED TIME
PRI. Wave	340
SEC. Wave	700

DIRECTION	Decrease
Blank TIME	
Rection TIME	40 59

Decimal	0
Unit	U/L
Slope	1
Inter	0

Calibration Type

RULE	TWO POINT
REPLICATES	2

TEST NAME

ADA

SAMPLE VOLUME

TEST	ADA
FULL NAME	ADA

REAGENT VOLUME

R1	200
R2	100

	DISP
Standard	6
Increase	
Decrease	

REACTION PARAMETER

Reac. TIPE	KINETIC
PRI. Wave	546
SEC. Wave	700

DIRECTION	Increase
Blank TIME	
Rection TIME	48 59

Decimal	0.1
Unit	U/L
Slope	1
Inter	0

Calibration Type

RULE	TWO POINT
REPLICATES	2

TEST NAME

ALBUMIN

SAMPLE VOLUME

TEST	ALB
FULL NAME	ALBUMIN

REAGENT VOLUME

R1	300
R2	

	DISP
Standard	3
Increase	
Decrease	

REACTION PARAMETER

Reac. TIPE	END POINT
PRI. Wave	605
SEC. Wave	700

DIRECTION	Increase
Blank TIME	8 10
Rection TIME	34 36

Decimal	0.1
Unit	G/DL
Slope	1
Inter	0

Calibration Type

RULE	TWO POINT
REPLICATES	2

TEST NAME

ALP

SAMPLE VOLUME

TEST	ALP
FULL NAME	ALP

REAGENT VOLUME

R1	200
R2	50

	DISP
Standard	4
Increase	
Decrease	

REACTION PARAMETER

Reac. TIPE	KINETIC
PRI. Wave	412
SEC. Wave	660

DIRECTION	Increase
Blank TIME	
Rection TIME	41 56

Decimal	0
Unit	U/L
Slope	1
Inter	0

Calibration Type

RULE	TWO POINT
REPLICATES	2

TEST NAME

ALT

SAMPLE VOLUME

TEST	ALT
FULL NAME	SGPT-ALT

REAGENT VOLUME

R1	200
R2	50

	DISP
Standard	25
Increase	
Decrease	

REACTION PARAMETER

Reac. TIPE	KINETIC
PRI. Wave	340
SEC. Wave	412

DIRECTION	Decrease
Blank TIME	
Rection TIME	41 56

Decimal	0
Unit	U/L
Slope	1
Inter	0

Calibration Type

RULE	TWO POINT
REPLICATES	2

TEST NAME

ASO

SAMPLE VOLUME

TEST	ASO
FULL NAME	ASO

REAGENT VOLUME

R1	200
R2	50

	DISP
Standard	3
Increase	
Decrease	

REACTION PARAMETER

Reac. TIPE	END POINT
PRI. Wave	600
SEC. Wave	

DIRECTION	Increase
Blank TIME	38 40
Rection TIME	59 60

Decimal	0
Unit	IU/ML
Slope	1
Inter	0

Calibration Type

RULE	TWO POINT
REPLICATES	2

TEST NAME

AMYLASE

SAMPLE VOLUME

TEST	AMYLASE
FULL NAME	AMYLASE

REAGENT VOLUME

R1	300
R2	

	DISP
Standard	6
Increase	
Decrease	

REACTION PARAMETER

Reac. TIPE	KINETIC
PRI. Wave	412
SEC. Wave	660

DIRECTION	Increase
Blank TIME	
Rection TIME	16 31

Decimal	0
Unit	U/L
Slope	1
Inter	0

Calibration Type

RULE	TWO POINT
REPLICATES	2

TEST NAME

AST

SAMPLE VOLUME

TEST	AST
FULL NAME	SGOT-AST

REAGENT VOLUME

R1	200
R2	50

	DISP
Standard	25
Increase	
Decrease	

REACTION PARAMETER

Reac. TIPE	KINETIC
PRI. Wave	340
SEC. Wave	412

DIRECTION	Decrease
Blank TIME	
Rection TIME	41 56

Decimal	0
Unit	U/L
Slope	1
Inter	0

Calibration Type

RULE	TWO POINT
REPLICATES	2

TEST NAME

BILIRUBIN TOTAL

SAMPLE VOLUME

TEST	BILL-T
FULL NAME	BILL-T

REAGENT VOLUME

R1	240
R2	60

	DISP
Standard	7
Increase	
Decrease	

REACTION PARAMETER

Reac. TIPE	END POINT
PRI. Wave	546
SEC. Wave	700

DIRECTION	Increase
Blank TIME	34 35
Rection TIME	59 60

Decimal	0.01
Unit	MG/DL
Slope	1
Inter	0

Calibration Type

RULE	TWO POINT
REPLICATES	2

TEST NAME

BILIRUBIN DIRECT

SAMPLE VOLUME

TEST	BILL-D
FULL NAME	BILL-D

REAGENT VOLUME

R1	240
R2	60

	DISP
Standard	30
Increase	
Decrease	

REACTION PARAMETER

Reac. TIPE	END POINT
PRI. Wave	546
SEC. Wave	700

DIRECTION	Increase	
Blank TIME	34	35
Rection TIME	59	60

Decimal	0.01
Unit	MG/DL
Slope	1
Inter	0

Calibration Type

RULE	TWO POINT
REPLICATES	2

TEST NAME

CHOLESTEROL

SAMPLE VOLUME

TEST	CHOL
FULL NAME	CHOL

REAGENT VOLUME

R1	300
R2	

	DISP
Standard	3
Increase	
Decrease	

REACTION PARAMETER

Reac. TIPE	END POINT
PRI. Wave	505
SEC. Wave	660

DIRECTION	Increase	
Blank TIME	8	10
Rection TIME	58	60

Decimal	0
Unit	MG/DL
Slope	1
Inter	0

Calibration Type

RULE	TWO POINT
REPLICATES	2

TEST NAME

CK-NAC

SAMPLE VOLUME

TEST	CK-NAC
FULL NAME	CK-NAC

REAGENT VOLUME

R1	200
R2	50

	DISP
Standard	10
Increase	
Decrease	

REACTION PARAMETER

Reac. TIPE	KINETIC
PRI. Wave	340
SEC. Wave	412

DIRECTION	Increase	
Blank TIME		
Rection TIME	48	59

Decimal	0
Unit	U/L
Slope	1
Inter	0

Calibration Type

RULE	TWO POINT
REPLICATES	2

TEST NAME

CK-MB

SAMPLE VOLUME

TEST	CK-MB
FULL NAME	CK-MB

REAGENT VOLUME

R1	200
R2	50

	DISP
Standard	20
Increase	
Decrease	

REACTION PARAMETER

Reac. TIPE	KINETIC
PRI. Wave	340
SEC. Wave	412

DIRECTION	Increase
Blank TIME	
Rection TIME	41 56

Decimal	0
Unit	U/L
Slope	1
Inter	0

Calibration Type

RULE	TWO POINT
REPLICATES	2

TEST NAME

CREATININE JAFFE

SAMPLE VOLUME

TEST	CREAT
FULL NAME	CREAT

REAGENT VOLUME

R1	150
R2	150

	DISP
Standard	30
Increase	
Decrease	

REACTION PARAMETER

Reac. TIPE	FIXED TIME
PRI. Wave	505
SEC. Wave	660

DIRECTION	Increase
Blank TIME	
Rection TIME	40 45

Decimal	0.01
Unit	MG/DL
Slope	1
Inter	0

Calibration Type

RULE	TWO POINT
REPLICATES	2

TEST NAME

CALCIUM

SAMPLE VOLUME

TEST	CALCIUM
FULL NAME	CALCIUM

REAGENT VOLUME

R1	300
R2	

	DISP
Standard	3
Increase	
Decrease	

REACTION PARAMETER

Reac. TIPE	END POINT
PRI. Wave	660
SEC. Wave	700

DIRECTION	Increase
Blank TIME	8 10
Rection TIME	34 36

Decimal	0.1
Unit	MG/DL
Slope	1
Inter	0

Calibration Type

RULE	TWO POINT
REPLICATES	2

TEST NAME

C3

SAMPLE VOLUME

TEST	C3
FULL NAME	C3

REAGENT VOLUME

R1	240
R2	60

	DISP
Standard	3
Increase	
Decrease	

REACTION PARAMETER

Reac. TIPE	END POINT
PRI. Wave	340
SEC. Wave	700

DIRECTION	Increase	
Blank TIME	34	35
Rection TIME	49	50

Decimal	0
Unit	MG/DL
Slope	1
Inter	0

Calibration Type

RULE	Logit Log 4p (6 point)
REPLICATES	2

TEST NAME

C4

SAMPLE VOLUME

TEST	C4
FULL NAME	C4

REAGENT VOLUME

R1	240
R2	60

	DISP
Standard	6
Increase	
Decrease	

REACTION PARAMETER

Reac. TIPE	END POINT
PRI. Wave	340
SEC. Wave	700

DIRECTION	Increase	
Blank TIME	34	35
Rection TIME	49	50

Decimal	0.1
Unit	MG/DL
Slope	1
Inter	0

Calibration Type

RULE	Logit Log 4p (6 point)
REPLICATES	2

TEST NAME

CRP

SAMPLE VOLUME

TEST	CRP
FULL NAME	CRP

REAGENT VOLUME

R1	240
R2	60

	DISP
Standard	3
Increase	
Decrease	

REACTION PARAMETER

Reac. TIPE	END POINT
PRI. Wave	600
SEC. Wave	

DIRECTION	Increase	
Blank TIME	38	40
Rection TIME	59	60

Decimal	0.1
Unit	MG/L
Slope	1
Inter	0

Calibration Type

RULE	SPLINE (5 point)
REPLICATES	2

TEST NAME

COPPER

SAMPLE VOLUME

TEST	COPPER
FULL NAME	COPPER

REAGENT VOLUME

R1	300
R2	

	DISP
Standard	15
Increase	
Decrease	

REACTION PARAMETER

Reac. TIPE	END POINT
PRI. Wave	570
SEC. Wave	700

DIRECTION	Increase	
Blank TIME	8	10
Rection TIME	58	60

Decimal	0
Unit	µg/dl
Slope	1
Inter	0

Calibration Type

RULE	TWO POINT
REPLICATES	2

TEST NAME

FERRITINE

SAMPLE VOLUME

TEST	FERRITINE
FULL NAME	FERRITINE

REAGENT VOLUME

R1	180
R2	60

	DISP
Standard	15
Increase	
Decrease	

REACTION PARAMETER

Reac. TIPE	FIXED TIME
PRI. Wave	570
SEC. Wave	800

DIRECTION	Increase	
Blank TIME		
Rection TIME	37	60

Decimal	0
Unit	µg/L
Slope	1
Inter	0

Calibration Type

RULE	Logit Log 4p (6 point)
REPLICATES	2

TEST NAME

GGT

SAMPLE VOLUME

TEST	GGT
FULL NAME	GGT

REAGENT VOLUME

R1	200
R2	50

	DISP
Standard	25
Increase	
Decrease	

REACTION PARAMETER

Reac. TIPE	KINETIC
PRI. Wave	412
SEC. Wave	660

DIRECTION	Increase	
Blank TIME		
Rection TIME	41	56

Decimal	0
Unit	U/L
Slope	1
Inter	0

Calibration Type

RULE	TWO POINT
REPLICATES	2

TEST NAME

GLUCOSE

SAMPLE VOLUME

TEST	GLUCOSE
FULL NAME	GLUCOSE

REAGENT VOLUME

R1	300
R2	

	DISP
Standard	3
Increase	
Decrease	

REACTION PARAMETER

Reac. TIPE	END POINT
PRI. Wave	505
SEC. Wave	660

DIRECTION	Increase	
Blank TIME	8	10
Rection TIME	58	60

Decimal	0
Unit	MG/DL
Slope	1
Inter	0

Calibration Type

RULE	TWO POINT
REPLICATES	2

TEST NAME

HDL-C

SAMPLE VOLUME

TEST	HDL-C
FULL NAME	HDL-C

REAGENT VOLUME

R1	240
R2	80

	DISP
Standard	3
Increase	
Decrease	

REACTION PARAMETER

Reac. TIPE	END POINT
PRI. Wave	605
SEC. Wave	700

DIRECTION	Increase	
Blank TIME	33	34
Rection TIME	59	60

Decimal	0
Unit	MG/DL
Slope	1
Inter	0

Calibration Type

RULE	TWO POINT
REPLICATES	2

TEST NAME

IRON

SAMPLE VOLUME

TEST	IRON
FULL NAME	IRON

REAGENT VOLUME

R1	200
R2	50

	DISP
Standard	25
Increase	
Decrease	

REACTION PARAMETER

Reac. TIPE	END POINT
PRI. Wave	570
SEC. Wave	

DIRECTION	Increase	
Blank TIME	33	34
Rection TIME	59	60

Decimal	0
Unit	µg/dl
Slope	1
Inter	0

Calibration Type

RULE	TWO POINT
REPLICATES	2

TEST NAME

LDH

SAMPLE VOLUME

TEST	LDH
FULL NAME	LDH

REAGENT VOLUME

R1	200
R2	50

	DISP
Standard	5
Increase	
Decrease	

REACTION PARAMETER

Reac. TIPE	KINETIC
PRI. Wave	340
SEC. Wave	412

DIRECTION	Decrease
Blank TIME	
Rection TIME	41 56

Decimal	0
Unit	U/L
Slope	1
Inter	0

Calibration Type

RULE	TWO POINT
REPLICATES	2

TEST NAME

LDL-C

SAMPLE VOLUME

TEST	LDL-C
FULL NAME	LDL-C

REAGENT VOLUME

R1	240
R2	80

	DISP
Standard	3
Increase	
Decrease	

REACTION PARAMETER

Reac. TIPE	END POINT
PRI. Wave	605
SEC. Wave	700

DIRECTION	Increase
Blank TIME	33 34
Rection TIME	59 60

Decimal	0
Unit	MG/DL
Slope	1
Inter	0

Calibration Type

RULE	TWO POINT
REPLICATES	2

TEST NAME

LIPASE

SAMPLE VOLUME

TEST	LIPASE
FULL NAME	LIPASE

REAGENT VOLUME

R1	250
R2	50

	DISP
Standard	3
Increase	
Decrease	

REACTION PARAMETER

Reac. TIPE	KINETIC
PRI. Wave	570
SEC. Wave	

DIRECTION	Increase
Blank TIME	
Rection TIME	41 53

Decimal	0
Unit	U/L
Slope	1
Inter	0

Calibration Type

RULE	TWO POINT
REPLICATES	2

TEST NAME

IgA

SAMPLE VOLUME

TEST	IgA
FULL NAME	IgA

REAGENT VOLUME

R1	240
R2	60

	DISP
Standard	3
Increase	
Decrease	

REACTION PARAMETER

Reac. TIPE	END POINT
PRI. Wave	605
SEC. Wave	700

DIRECTION	Increase	
Blank TIME	33	34
Rection TIME	49	50

Decimal	0
Unit	MG/DL
Slope	1
Inter	0

Calibration Type

RULE	Logit Log 4p (6 point)
REPLICATES	2

TEST NAME

IgG

SAMPLE VOLUME

TEST	IgG
FULL NAME	IgG

REAGENT VOLUME

R1	240
R2	60

	DISP
Standard	3
Increase	
Decrease	

REACTION PARAMETER

Reac. TIPE	END POINT
PRI. Wave	605
SEC. Wave	700

DIRECTION	Increase	
Blank TIME	33	34
Rection TIME	49	50

Decimal	0
Unit	MG/DL
Slope	1
Inter	0

Calibration Type

RULE	Logit Log 4p (6 point)
REPLICATES	2

TEST NAME

IgM

SAMPLE VOLUME

TEST	IgM
FULL NAME	IgM

REAGENT VOLUME

R1	240
R2	60

	DISP
Standard	3
Increase	
Decrease	

REACTION PARAMETER

Reac. TIPE	END POINT
PRI. Wave	340
SEC. Wave	700

DIRECTION	Increase	
Blank TIME	33	34
Rection TIME	49	50

Decimal	0
Unit	MG/DL
Slope	1
Inter	0

Calibration Type

RULE	Logit Log 4p (6 point)
REPLICATES	2

TEST NAME

LACTATE

SAMPLE VOLUME

TEST	LACTATE
FULL NAME	LACTATE

REAGENT VOLUME

R1	300
R2	

	DISP
Standard	3
Increase	
Decrease	

REACTION PARAMETER

Reac. TIPE	END POINT
PRI. Wave	505
SEC. Wave	660

DIRECTION	Increase	
Blank TIME	8	10
Rection TIME	58	60

Decimal	0
Unit	MG/DL
Slope	1
Inter	0

Calibration Type

RULE	TWO POINT
REPLICATES	2

TEST NAME

MAGNESIUM

SAMPLE VOLUME

TEST	MG
FULL NAME	MG

REAGENT VOLUME

R1	300
R2	

	DISP
Standard	3
Increase	
Decrease	

REACTION PARAMETER

Reac. TIPE	END POINT
PRI. Wave	546
SEC. Wave	700

DIRECTION	Increase	
Blank TIME	8	10
Rection TIME	34	36

Decimal	0.01
Unit	MG/DL
Slope	1
Inter	0

Calibration Type

RULE	TWO POINT
REPLICATES	2

TEST NAME

MICROALBOMIN

SAMPLE VOLUME

TEST	MIC
FULL NAME	MIC

REAGENT VOLUME

R1	200
R2	50

	DISP
Standard	5
Increase	
Decrease	

REACTION PARAMETER

Reac. TIPE	END POINT
PRI. Wave	340
SEC. Wave	700

DIRECTION	Increase	
Blank TIME	33	34
Rection TIME	59	60

Decimal	0
Unit	MG/L
Slope	1
Inter	0

Calibration Type

RULE	Logit Log 4p (6 point)
REPLICATES	2

TEST NAME

PHOSPHOROUS

SAMPLE VOLUME

TEST	PHOS
FULL NAME	PHOS

REAGENT VOLUME

R1	300
R2	

	DISP
Standard	3
Increase	
Decrease	

REACTION PARAMETER

Reac. TIPE	END POINT
PRI. Wave	340
SEC. Wave	412

DIRECTION	Increase	
Blank TIME	8	10
Rection TIME	32	34

Decimal	0.1
Unit	MG/DL
Slope	1
Inter	0

Calibration Type

RULE	TWO POINT
REPLICATES	2

TEST NAME

RF

SAMPLE VOLUME

TEST	RF
FULL NAME	RF

REAGENT VOLUME

R1	200
R2	50

	DISP
Standard	4
Increase	
Decrease	

REACTION PARAMETER

Reac. TIPE	END POINT
PRI. Wave	600
SEC. Wave	

DIRECTION	Increase	
Blank TIME	38	40
Rection TIME	59	60

Decimal	0
Unit	IU/ML
Slope	1
Inter	0

Calibration Type

RULE	SPLINE (6 point)
REPLICATES	2

TEST NAME

HBA1C

SAMPLE VOLUME

TEST	HBA1C
FULL NAME	HBA1C

REAGENT VOLUME

R1	180
R2	60

	DISP
Standard	5
Increase	
Decrease	

REACTION PARAMETER

Reac. TIPE	FIXED TIME
PRI. Wave	660
SEC. Wave	800

DIRECTION	Increase	
Blank TIME		
Rection TIME	59	60

Decimal	0.1
Unit	%
Slope	1
Inter	0

Calibration Type

RULE	Logit Log 4p (6 point)
REPLICATES	2

TEST NAME

TOTAL PROTEIN

SAMPLE VOLUME

TEST	T.P
FULL NAME	T.P

REAGENT VOLUME

R1	320
R2	

	DISP
Standard	8
Increase	
Decrease	

REACTION PARAMETER

Reac. TIPE	END POINT
PRI. Wave	546
SEC. Wave	700

DIRECTION	Increase	
Blank TIME	8	10
Rection TIME	36	38

Decimal	0.1
Unit	G/DL
Slope	1
Inter	0

Calibration Type

RULE	TWO POINT
REPLICATES	2

TEST NAME

TRIGLYCERIDES

SAMPLE VOLUME

TEST	TG
FULL NAME	TG

REAGENT VOLUME

R1	300
R2	

	DISP
Standard	3
Increase	
Decrease	

REACTION PARAMETER

Reac. TIPE	END POINT
PRI. Wave	505
SEC. Wave	660

DIRECTION	Increase	
Blank TIME	8	10
Rection TIME	58	60

Decimal	0
Unit	MG/DL
Slope	1
Inter	0

Calibration Type

RULE	TWO POINT
REPLICATES	2

TEST NAME

UREA

SAMPLE VOLUME

TEST	UREA
FULL NAME	UREA

REAGENT VOLUME

R1	240
R2	60

	DISP
Standard	3
Increase	
Decrease	

REACTION PARAMETER

Reac. TIPE	FIXED TIME
PRI. Wave	340
SEC. Wave	412

DIRECTION	Decrease	
Blank TIME		
Rection TIME	40	45

Decimal	0
Unit	MG/DL
Slope	1
Inter	0

Calibration Type

RULE	TWO POINT
REPLICATES	2

TEST NAME

URIC ACID

SAMPLE VOLUME

TEST	U.A
FULL NAME	U.A

REAGENT VOLUME

R1	160
R2	160

	DISP
Standard	8
Increase	
Decrease	

REACTION PARAMETER

Reac. TIPE	END POINT
PRI. Wave	546
SEC. Wave	700

DIRECTION	Increase
Blank TIME	
Rection TIME	58 60

Decimal	0.1
Unit	MG/DL
Slope	1
Inter	0

Calibration Type

RULE	TWO POINT
REPLICATES	2

TEST NAME

ZINC

SAMPLE VOLUME

TEST	ZINC
FULL NAME	ZINC

REAGENT VOLUME

R1	300
R2	

	DISP
Standard	15
Increase	
Decrease	

REACTION PARAMETER

Reac. TIPE	END POINT
PRI. Wave	570
SEC. Wave	700

DIRECTION	Increase
Blank TIME	8 10
Rection TIME	34 36

Decimal	0
Unit	µg/dl
Slope	1
Inter	0

Calibration Type

RULE	TWO POINT
REPLICATES	2

TEST NAME

URINE PROTEIN

SAMPLE VOLUME

TEST	UR.P
FULL NAME	UR.P

REAGENT VOLUME

R1	200
R2	100

	DISP
Standard	16
Increase	
Decrease	

REACTION PARAMETER

Reac. TIPE	END POINT
PRI. Wave	505
SEC. Wave	700

DIRECTION	Increase
Blank TIME	33 34
Rection TIME	59 60

Decimal	0
Unit	MG/DL
Slope	1
Inter	0

Calibration Type

RULE	SPLINE (6 POINT)
REPLICATES	2

TEST NAME

TIBC

SAMPLE VOLUME

TEST	TIBC
FULL NAME	TIBC

REAGENT VOLUME

R 1	250
R 2	75

	DISP
Standard	25
Increase	
Decrease	

REACTION PARAMETER

Reac. TIPE	END POINT
PRI. Wave	660
SEC. Wave	800

DIRECTION	Decrease	
Blank TIME	33	34
Rection TIME	59	60

Decimal	0
Unit	ug/dl
Slope	1
Inter	0

Calibration Type

RULE	TWO POINT
REPLICATES	2