

Protocolo para automação CEPA

TP ANALYZER

Ácido Úrico Cepa

Enzimático Monoreagente

Mode: End Point

Unit	mg/dL	Delay Times (s)	3	Norms	2.4
Temperature	37°C	Sample Vol. (µL)	10		7.0
Main Wavelength	500	Reagent Vol. (µL)	500	Factor	-
Sub Wavelength	No	Aspirate (µL)	400	Name	-
Blank	Reagent	Calibration	Linear	Linear Range	1.5
Reag. Blank	01				25

Calibration Setting		Control Setting							
Mode	Linear	Control 01				Control 02			
Num. Of Std	1	AVE		*		AVE		*	
Repeat Times	1	MIN		*		MIN		*	
Standard Concentration		Batch nº	*	Lote	*	Batch nº	*	Lote	*
01	6								

* Inserido pelo usuário

Albumina Ceba

Verde de Bromocresol – Colorimétrico

Mode: End Point

Unit	g/dL	Delay Times (s)	3	Norms	3.5
Temperature	25°C	Sample Vol. (µL)	5		5.5
Main Wavelength	620	Reagent Vol. (µL)	1000	Factor	-
Sub Wavelength	No	Aspirate (µL)	800	Name	-
Blank	Reagent	Calibration	Linear	Linear Range	0,5
Reag. Blank	01				6,0

Calibration Setting		Control Setting							
Mode	Linear	Control 01				Control 02			
Num. Of Std	1	AVE		*		AVE		*	
Repeat Times	1	MIN		*		MIN		*	
Standard Concentration		Batch nº	*	Lote	*	Batch nº	*	Lote	*
1	3,8								

* Inserido pelo usuário

Alfa Amilase Cepa

CNP-G3 - Cinético

Mode: Kinetic

Unit	U/L	Sample Vol. (µL)	10	Norms	22
Temperature	37°C	Reagent Vol. (µL)	500		80
Main Wavelength	405	Aspirate (µL)	400	Factor	3292
Linearity Erro	15%	Delay Time	60	Name	-
		Test Time	120	Linear Range	1
					1317

Control Setting							
Control 01				Control 02			
AVE		*		AVE		*	
MIN		*		MIN		*	
Batch nº	*	Lote	*	Batch nº	*	Lote	*

* Inserido pelo usuário

ALT-GPT Cepa

Cinético UV-U/L - 37°C (IFCC)

Mode: Kinetic

Unit	U/L	Sample Vol. (µL)	25	Norms	0
Temperature	37°C	Reagent Vol. (µL)	500		41
Main Wavelength	340	Aspirate (µL)	400	Factor	2370
Linearity Erro	15%	Delay Time	60	Name	-
		Test Time	120	Linear Range	1,6
					500

Control Setting							
Control 01				Control 02			
AVE		*		AVE		*	
MIN		*		MIN		*	
Batch nº	*	Lote	*	Batch nº	*	Lote	*

* Inserido pelo usuário

AST-GOT Cepa

Cinético UV-U/L - 37°C (IFCC)

Mode: Kinetic

Unit	U/L	Sample Vol. (µL)	25	Norms	0
Temperature	37°C	Reagent Vol. (µL)	500		40
Main Wavelength	340	Aspirate (µL)	400	Factor	2370
Linearity Erro	15%	Delay Time	60	Name	-
		Test Time	120	Linear Range	1,6
					500

Control Setting							
Control 01				Control 02			
AVE		*		AVE		*	
MIN		*		MIN		*	
Batch nº	*	Lote	*	Batch nº	*	Lote	*

- Inserido pelo usuário

Bilirrubina Direta Cepa

Sims-Horn-colorimétrico

Mode: End Point

Unit	mg/dL	Delay Times (s)	3	Norms	0,0
Temperature	37°C	Sample Vol. (µL)	300		0,4
Main Wavelength	546	Reagent Vol. (µL)	5000	Factor	-
Sub Wavelength	No	Aspirate (µL)	1000	Name	-
Blank	Sample	Calibration	Linear	Linear Range	0
Reag. Blank	-				15

Calibration Setting		Control Setting							
Mode	Linear	Control 01				Control 02			
Num. Of Std	1	AVE		*		AVE		*	
Repeat Times	1	MIN		*		MIN		*	
Standard Concentration		Batch nº	*	Lote	*	Batch nº	*	Lote	*
01	*								

* Inserido pelo usuário

Bilirrubina Total Cepa

Sims-Horn-colorimétrico

Mode: End Point

Unit	mg/dL	Delay Times (s)	3	Norms	0,1
Temperature	37°C	Sample Vol. (µL)	300		1,4
Main Wavelength	546	Reagent Vol. (µL)	5000	Factor	-
Sub Wavelength	No	Aspirate (µL)	1000	Name	-
Blank	Sample	Calibration	Linear	Linear Range	0
Reag. Blank	-				15

Calibration Setting		Control Setting							
Mode	Linear	Control 01				Control 02			
Num. Of Std	1	AVE		*		AVE		*	
Repeat Times	1	MIN		*		MIN		*	
Standard Concentration		Batch nº	*	Lote	*	Batch nº	*	Lote	*
01	*								

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Cálcio Cepa

Cresolftaleína complexona – Colorimétrico.

Mode: End Point

Unit	mg/dL	Delay Times (s)	3	Norms	8,8
Temperature	25°C	Sample Vol. (µL)	10		11,0
Main Wavelength	578	Reagent Vol. (µL)	500	Factor	-
Sub Wavelength	No	Aspirate (µL)	400	Name	-
Blank	Reagent	Calibration	Linear	Linear Range	0,7
Reag. Blank	01				15,0

Calibration Setting		Control Setting							
Mode	Linear	Control 01				Control 02			
Num. Of Std	1	AVE		*		AVE		*	
Repeat Times	1	MIN		*		MIN		*	
Standard Concentration		Batch nº	*	Lote	*	Batch nº	*	Lote	*
01	10								

* Inserido pelo usuário

Cálcio Cepa

Arsenazo – Colorimétrico.

Mode: End Point

Unit	mg/dL	Delay Times (s)	3	Norms	8,8
Temperature	25°C	Sample Vol. (µL)	10		11,0
Main Wavelength	650	Reagent Vol. (µL)	500	Factor	-
Sub Wavelength	No	Aspirate (µL)	400	Name	-
Blank	Reagent	Calibration	Linear	Linear Range	0,7
Reag. Blank	01				15,0

Calibration Setting		Control Setting							
Mode	Linear	Control 01				Control 02			
Num. Of Std	1	AVE		*		AVE		*	
Repeat Times	1	MIN		*		MIN		*	
Standard Concentration		Batch nº	*	Lote	*	Batch nº	*	Lote	*
01	10								

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CK-MB Cepa
Imunoinibição – Cinético UV

Mode: Kinetic

Unit	U/L	Sample Vol. (µL)	20	Norms	0
Temperature	37°C	Reagent Vol. (µL)	500		24
Main Wavelength	340	Aspirate (µL)	400	Factor	1651
Linearity Erro	15%	Delay Time	300	Name	-
		Test Time	120	Linear Range	1
					330

Control Setting							
Control 01				Control 02			
AVE		*		AVE		*	
MIN		*		MIN		*	
Batch nº	*	Lote	*	*	Lote	*	

* Inserido pelo usuário

CK-NAC Cepa
Imunoinibição – Cinético UV

Mode: Kinetic

Unit	U/L	Sample Vol. (µL)	25	Norms	38
Temperature	37°C	Reagent Vol. (µL)	500		174
Main Wavelength	340	Aspirate (µL)	400	Factor	4127
Linearity Erro	15%	Delay Time	180	Name	-
		Test Time	60	Linear Range	1
					1300

Control Setting							
Control 01				Control 02			
AVE		*		AVE		*	
MIN		*		MIN		*	
Batch nº	*	Lote	*	Batch nº	*	Lote	*

- **Inserido pelo usuário**

Cholesterol HDL Cepa

Precipitação

Mode: End Point

Unit	mg/dL	Delay Times (s)	3	Norms	30,0
Temperature	37°C	Sample Vol. (µL)	50		70,0
Main Wavelength	500	Reagent Vol. (µL)	500	Factor	-
Sub Wavelength	No	Aspirate (µL)	400	Name	-
Blank	Reagent	Calibration	Linear	Linear Range	0
Reag. Blank	01				150

Calibration Setting		Control Setting							
Mode	Linear	Control 01				Control 02			
Num. Of Std	1	AVE		*		AVE		*	
Repeat Times	1	MIN		*		MIN		*	
Standard Concentration		Batch nº	*	Lote	*	Batch nº	*	Lote	*
01	52,5								

* Inserido pelo usuário

Colesterol HDL Cepa

Direto-(Inibição Seletiva)

Mode: End Point

Unit	mg/dL	Delay Times (s)	3	Norms	0,0
Temperature	37°C	Sample Vol. (µL)	7		35,0
Main Wavelength	600	Reagent Vol. (µL)	1000	Factor	-
Sub Wavelength	No	Aspirate (µL)	800	Name	-
Blank	Reagent	Calibration	Linear	Linear Range	0,7
Reag. Blank	00				200

Calibration Setting		Control Setting							
Mode	Linear	Control 01				Control 02			
Num. Of Std	1	AVE		*		AVE		*	
Repeat Times	1	MIN		*		MIN		*	
Standard Concentration		Batch nº	*	Lote	*	Batch nº	*	Lote	*
01	*								

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ATENÇÃO: Realizar leitura apenas após adição do segundo reagente(Reagente de cor).

Colesterol Total Cepa

Enzimático Monoreagente

Mode: End Point

Unit	mg/dL	Delay Times (s)	3	Norms	0,0
Temperature	37°C	Sample Vol. (µL)	5		239
Main Wavelength	500	Reagent Vol. (µL)	500	Factor	-
Sub Wavelength	No	Aspirate (µL)	400	Name	-
Blank	Reagent	Calibration	Linear	Linear Range	30,0
Reag. Blank	01				1000

Calibration Setting		Control Setting							
Mode	Linear	Control 01				Control 02			
Num. Of Std	1	AVE		*		AVE		*	
Repeat Times	1	MIN		*		MIN		*	
Standard Concentration		Batch nº	*	Lote	*	Batch nº	*	Lote	*
01	200								

* Inserido pelo usuário

Creatinina Cepa

Jaffé – Cinético de tempo fixo

Mode: Two Point

Unit	mg/dL	Sample Vol. (µL)	50	Norms	0,4
Temperature	37°C	Reagent Vol. (µL)	500		1,3
Main Wavelength	500	Aspirate (µL)	400	Factor	-
STD Concentration	4	Delay Time	30	Name	-
		Test Time	60	Linear Range	1
					10

Control Setting							
Control 01				Control 02			
AVE	*			AVE	*		
MIN	*			MIN	*		
Batch nº	*	Lote	*	Batch nº	*	Lote	*

- Inserido pelo usuário

LDH Cepa

Piruvato – Cinético UV

Mode: Kinetic

Unit	U/L	Sample Vol. (µL)	10	Norms	207
Temperature	37°C	Reagent Vol. (µL)	500		414
Main Wavelength	340	Aspirate (µL)	400	Factor	6783
Linearity Erro	15%	Delay Time	60	Name	-
		Test Time	120	Linear Range	40
					1250

Control Setting							
Control 01				Control 02			
AVE		*		AVE		*	
MIN		*		MIN		*	
Batch nº	*	Lote	*	Batch nº	*	Lote	*

* Inserido pelo usuário

Fosfatase Alcalina Cepa

4-nitrofenilfosfato – Tampão AMP (IFCC) – Cinético

Mode: Kinetic

Unit	U/L	Sample Vol. (µL)	10	Norms	0
Temperature	37°C	Reagent Vol. (µL)	500		115
Main Wavelength	405	Aspirate (µL)	400	Factor	2764
Linearity Erro	15%	Delay Time	60	Name	-
		Test Time	120	Linear Range	15
					1200

Control Setting							
Control 01				Control 02			
AVE		*		AVE		*	
MIN		*		MIN		*	
Batch nº	*	Lote	*	Batch nº	*	Lote	*

• **Inserido pelo usuário**

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Gama GT Cepa

IFCC – Cinético

Mode: Kinetic

Unit	U/L	Sample Vol. (µL)	50	Norms	10
Temperature	37°C	Reagent Vol. (µL)	500		60
Main Wavelength	405	Aspirate (µL)	400	Factor	1111
Linearity Erro	15%	Delay Time	60	Name	-
		Test Time	120	Linear Range	3
					300

Control Setting							
Control 01				Control 02			
AVE		*		AVE		*	
MIN		*		MIN		*	
Batch nº	*	Lote	*	Batch nº	*	Lote	*

* Inserido pelo usuário

Glicose Cepa

Enzimático Monoreagente

Mode: End Point

Unit	mg/dL	Delay Times (s)	3	Norms	70,0
Temperature	37°C	Sample Vol. (µL)	5		100
Main Wavelength	500	Reagent Vol. (µL)	500	Factor	-
Sub Wavelength	No	Aspirate (µL)	400	Name	-
Blank	Reagent	Calibration	Linear	Linear Range	15,0
Reag. Blank	01				500

Calibration Setting		Control Setting							
Mode	Linear	Control 01				Control 02			
Num. Of Std	1	AVE		*		AVE		*	
Repeat Times	1	MIN		*		MIN		*	
Standard Concentration		Batch nº	*	Lote	*	Batch nº	*	Lote	*
01	100								

* Inserido pelo usuário

Magnésio Cepa

Calmagita – Colorimétrico

Mode: End Point

Unit	mg/dL	Delay Times (s)	3	Norms	1,7
Temperature	25°C	Sample Vol. (µL)	5		2,4
Main Wavelength	500	Reagent Vol. (µL)	500	Factor	-
Sub Wavelength	No	Aspirate (µL)	400	Name	-
Blank	Reagent	Calibration	Linear	Linear Range	0,3
Reag. Blank	01				4,5

Calibration Setting		Control Setting							
Mode	Linear	Control 01							
Num. Of Std	1	AVE		*		AVE		*	
Repeat Times	1	MIN		*		MIN		*	
Standard Concentration		Batch nº	*	Lote	*	Batch nº	*	Lote	*
01	2								

* Inserido pelo usuário

Triglicérides Cepa

Enzimático Monoreagente

Mode: End Point

Unit	mg/dL	Delay Times (s)	3	Norms	0,0
Temperature	37°C	Sample Vol. (µL)	5		200
Main Wavelength	500	Reagent Vol. (µL)	500	Factor	-
Sub Wavelength	No	Aspirate (µL)	400	Name	-
Blank	Reagent	Calibration	Linear	Linear Range	20,0
Reag. Blank	01				600

Calibration Setting		Control Setting							
Mode	Linear	Control 01				Control 02			
Num. Of Std	1	AVE		*		AVE		*	
Repeat Times	1	MIN		*		MIN		*	
Standard Concentration		Batch nº	*	Lote	*	Batch nº	*	Lote	*
01	200								

* Inserido pelo usuário

Uréia Enzimática Cepa

Urease Indofenol – Colorimétrico

Mode: End Point

Unit	mg/dL	Delay Times (s)	3	Norms	15
Temperature	37°C	Sample Vol. (µL)	10		39
Main Wavelength	600	Reagent Vol. (µL)	2000	Factor	-
Sub Wavelength	No	Aspirate (µL)	1000	Name	-
Blank	Reagent	Calibration	Linear	Linear Range	7,0
Reag. Blank	01				300

Calibration Setting		Control Setting							
Mode	Linear	Control 01							
Num. Of Std	1	AVE		*		AVE		*	
Repeat Times	1	MIN		*		MIN		*	
Standard Concentration		Batch nº	*	Lote	*	Batch nº	*	Lote	*
01	50								

- Inserido pelo usuário

Uréia Cinética Cepa

Urease/GluDH -Cinético UV

Mode: Two Point

Unit	mg/dL	Sample Vol. (µL)	10	Norms	15
Temperature	37°C	Reagent Vol. (µL)	500		39
Main Wavelength	340	Aspirate (µL)	400	Factor	-
STD Concentration	50	Delay Time	30	Name	-
		Test Time	60	Linear Range	6
					300

Control Setting							
Control 01				Control 02			
AVE	*			AVE	*		
MIN	*			MIN	*		
Batch nº	*	Lote	*	Batch nº	*	Lote	*

- Inserido pelo usuário

PCR TURB Ceba

Turbidimetria

Mode: Two Point

Unit	mg/L	Sample Vol. (µL)	5	Norms	0
Temperature	37°C	Reagent Vol. (µL)	500		5
Main Wavelength	546	Aspirate (µL)	400	Factor	-
STD Concentration	*	Delay Time	10	Name	-
		Test Time	110	Linear Range	1
					150

Control Setting							
Control 01				Control 02			
AVE	*			AVE	*		
MIN	*			MIN	*		
Batch nº	*	Lote	*	Batch nº	*	Lote	*

- Inserido pelo usuário

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ASLO TURB Cepa

Turbidimetria

Mode: Two Point

Unit	UI/mL	Sample Vol. (μL)	5	Norms	0
Temperature	37°C	Reagent Vol. (μL)	500		200
Main Wavelength	546	Aspirate (μL)	400	Factor	-
STD Concentration	*	Delay Time	10	Name	-
		Test Time	110	Linear Range	3
					800

Control Setting							
Control 01				Control 02			
AVE	*			AVE	*		
MIN	*			MIN	*		
Batch nº	*	Lote	*	Batch nº	*	Lote	*

* Inserido pelo usuário

Fator Reumatóide Turb Cepa

Turbidimetria

Mode: End Point

Unit	UI/mL	Delay Times (s)	3	Norms	0
Temperature	37°C	Sample Vol. (µL)	5		30
Main Wavelength	650	Reagent Vol. (µL)	500	Factor	-
Sub Wavelength	No	Aspirate (µL)	400	Name	-
Blank	Reagent	Calibration	No Linear	Linear Range	2,0
Reag. Blank	01				160

Calibration Setting		Control Setting							
Mode	Linear	Control 01							
Num. Of Std	5	AVE		*		AVE		*	
Repeat Times	1	MIN		*		MIN		*	
Standard Concentration		Batch nº	*	Lote	*	Batch nº	*	Lote	*
1	*								
2	*								
3	*								
4	*								
5	*								

*** Inserido pelo usuário**

•Curva de Calibração

Após reconstituir o padrão (ver preparo dos reagentes), realizar as seguintes diluições:

Diluição	1	2	3	4	5
Padrão FR	10 µL	20 µL	40 µL	60 µL	80 µL
Salina 0,9%	70µL	60µL	40µL	20µL	-
<i>*Fator de Diluição</i>	<i>0,125</i>	<i>0,25</i>	<i>0,5</i>	<i>0,75</i>	<i>1,0</i>

Multiplicar o valor do ***Fator de Diluição** pela concentração do padrão fornecido no rótulo do mesmo.

Ex:

Concentração do Padrão: 120 IU/mL

Fatores de diluição: 0,125 / 0,25 / 0,5 / 0,75 / 1

Concentrações dos padrões diluídos (1 a 5) respectivamente: 15 / 30 / 60 / 90 / 120 IU/mL