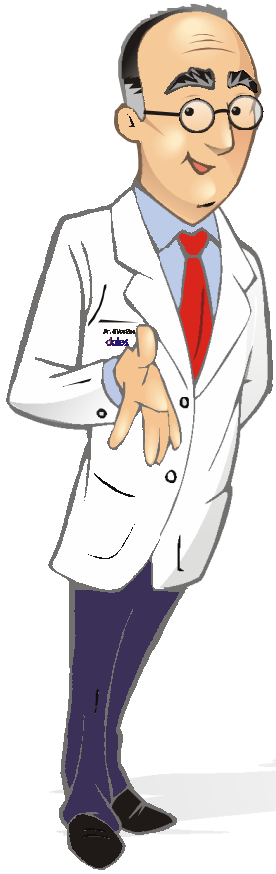
Manual de Automação

REVISÃO: 01 (10/2013)

LANDWIND
LW C200i Plus®



LANÇAMENTOS!

- Aslotest Turbidimétrico
- CKMB
- Colesterol HDL Direto
- Colesterol LDL Direto
- Ferritina Turbidimétrica
- Hemoglobina HbA1c
- Microalbuminúria Turbidimétrico
- PCRtest Turbidimétrico
- PCRtest Ultrasensível
- Reumatest Turbidimétrico

ÍNDICE

REVISÃO: 01 (10/2013)

ALBUMINA

Item abb.	**ALBA**	Item full name	**ALBUMINA**
Radix point number of result	**2**	Unit	**g/dL**
Testing method	**End point**	Reaction trend	**ASC**
Primary wavelength	**630**	Second wavelength	
Sample volume	**2**	R1	**300**
R2		Calculation start time	**1**
Calculation end time	**10**	Sample blank calculation star point	
Sample blank calculation end point		Correction method	**Linear**
Replicates difference limit		Absorbance range of blank fluid	
Calibration sensitivity		Calibration curve standard difference	
Calibration curve correlation coefficient		Calculation factor	**20**
Correction slope	**1**	Correction interception	
Linearity limit		Substrate limit	
Prozone test	**0**	Prozone test start point	
Prozone test end point		Prozone test PC value	
Lower limit of normal reference range	**0**	Upper limit of normal reference range	**0**
Linearity range Lower limit		Linearity range upper limit	**8**
Response range lower limit		Response range upper limit	
R1 range lower limit		R1 absorbance upper limit	
Working liquid absorbance lower limit			

CONTROLE DE QUALIDADE

O uso de soro controle de referência deve ser uma prática rotineira do laboratório. Recomenda-se utilizar um soro controle com valor na faixa de normalidade **(soro controle N - Doles)** e outro soro controle de valor elevado **(soro controle P - Doles)**.

ALT/TGP UV

Item abb.	**ALT**
Radix point number of result	
Testing method	**Kinetic**
Primary wavelength	**340**
Sample volume	**30**
R2	
Calculation end time	**22**
Sample blank calculation end point	
Replicates difference limit	
Calibration sensitivity	
Calibration curve correlation coefficient	
Correction slope	**1**
Linearity limit	
Prozone test	**0**
Prozone test end point	
Lower limit of normal reference range	**0**
Linearity range Lower limit	
Response range lower limit	
R1 range lower limit	
Working liquid absorbance lower limit	

Item full name	**ALT-TGP**
Unit	**UI/L**
Reaction trend	**DESC**
Second wavelength	
R1	**300**
Calculation start time	**14**
Sample blank calculation star point	
Correction method	**Linear**
Absorbance range of blank fluid	
Calibration curve standard difference	
Calculation factor	**20**
Correction interception	
Substrate limit	
Prozone test start point	
Prozone test PC value	
Upper limit of normal reference range	**42**
Linearity range upper limit	**350**
Response range upper limit	
R1 absorbance upper limit	
Working liquid absorbance upper limit	

CONTROLE DE QUALIDADE

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AMILASE CNPG

Item abb.	**AMILASE**	Item full name	**AMILASE CINÉTICA**
Radix point number of result		Unit	**UI/L**
Testing method	**Kinetic**	Reaction trend	**ASC**
Primary wavelength	**405**	Second wavelength	
Sample volume	**4**	R1	**200**
R2		Calculation start time	**10**
Calculation end time	**14**	Sample blank calculation star point	
Sample blank calculation end point		Correction method	**Linear**
Replicates difference limit		Absorbance range of blank fluid	
Calibration sensitivity		Calibration curve standard difference	
Calibration curve correlation coefficient		Calculation factor	**20**
Correction slope	**1**	Correction interception	
Linearity limit		Substrate limit	
Prozone test	**0**	Prozone test start point	
Prozone test end point		Prozone test PC value	
Lower limit of normal reference range	**0**	Upper limit of normal reference range	**0**
Linearity range Lower limit		Linearity range upper limit	
Response range lower limit		Response range upper limit	
R1 range lower limit		R1 absorbance upper limit	
Working liquid absorbance lower limit		Working liquid absorbance upper limit	

CONTROLE DE QUALIDADE

O uso de soro controle de referência deve ser uma prática rotineira do laboratório. Recomenda-se utilizar um soro controle com valor na faixa de normalidade **(soro controle N - Doles)** e outro soro controle de valor elevado **(soro controle P - Doles)**.

ASLOTEST TURBIDIMÉTRICO

Item abb.	**ASLOD**	Item full name	**ASLOTURB**
Radix point number of result		Unit	**U.I/L**
Testing method	**End point**	Reaction trend	**ASC**
Primary wavelength	**546**	Second wavelength	
Sample volume	**3**	R1	**300**
R2		Calculation start time	**1**
Calculation end time	**14**	Sample blank calculation star point	
Sample blank calculation end point		Correction method	**Linear**
Replicates difference limit		Absorbance range of blank fluid	
Calibration sensitivity		Calibration curve standard difference	
Calibration curve correlation coefficient		Calculation factor	**20**
Correction slope	**1**	Correction interception	
Linearity limit		Substrate limit	
Prozone test	**0**	Prozone test start point	
Prozone test end point		Prozone test PC value	
Lower limit of normal reference range	**20**	Upper limit of normal reference range	**200**
Linearity range Lower limit		Linearity range upper limit	**700**
Response range lower limit		Response range upper limit	
R1 range lower limit		R1 absorbance upper limit	
Working liquid absorbance lower limit			

CONTROLE DE QUALIDADE

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AST/TGO UV

Item abb.	**AST**	Item full name	**AST-TGO**
Radix point number of result		Unit	**UI/L**
Testing method	**Kinetic**	Reaction trend	**DESC**
Primary wavelength	**340**	Second wavelength	
Sample volume	**30**	R1	**300**
R2		Calculation start time	**14**
Calculation end time	**22**	Sample blank calculation star point	
Sample blank calculation end point		Correction method	**Linear**
Replicates difference limit		Absorbance range of blank fluid	
Calibration sensitivity		Calibration curve standard difference	
Calibration curve correlation coefficient		Calculation factor	**20**
Correction slope	**1**	Correction interception	
Linearity limit		Substrate limit	
Prozone test	**0**	Prozone test start point	
Prozone test end point		Prozone test PC value	
Lower limit of normal reference range	**0**	Upper limit of normal reference range	**42**
Linearity range Lower limit		Linearity range upper limit	**350**
Response range lower limit		Response range upper limit	
R1 range lower limit		R1 absorbance upper limit	
Working liquid absorbance lower limit		Working liquid absorbance upper limit	

CONTROLE DE QUALIDADE

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CÁLCIO ARSENAZO

Item abb.	**CÁLCIO**	Item full name	**CÁLCIO ARSENAZO**
Radix point number of result	**2**	Unit	**mg/dL**
Testing method	**End point**	Reaction trend	**ASC**
Primary wavelength	**670**	Second wavelength	
Sample volume	**3**	R1	**300**
R2		Calculation start time	**1**
Calculation end time	**17**	Sample blank calculation star point	
Sample blank calculation end point		Correction method	**Linear**
Replicates difference limit		Absorbance range of blank fluid	
Calibration sensitivity		Calibration curve standard difference	
Calibration curve correlation coefficient		Calculation factor	**20**
Correction slope	**1**	Correction interception	
Linearity limit		Substrate limit	
Prozone test	**0**	Prozone test start point	
Prozone test end point		Prozone test PC value	
Lower limit of normal reference range	**8,8**	Upper limit of normal reference range	**11**
Linearity range Lower limit		Linearity range upper limit	
Response range lower limit		Response range upper limit	
R1 range lower limit		R1 absorbance upper limit	
Working liquid absorbance lower limit		Working liquid absorbance upper limit	

CONTROLE DE QUALIDADE

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CKMB

Item abb.	**CKMB-D**	Item full name	**CKMB**
Radix point number of result		Unit	**UI/L**
Testing method	**Kinetic**	Reaction trend	**ASC**
Primary wavelength	**340**	Second wavelength	
Sample volume	**10**	R1	**200**
R2		Calculation start time	**10**
Calculation end time	**24**	Sample blank calculation star point	
Sample blank calculation end point		Correction method	**Factor**
Replicates difference limit		Absorbance range of blank fluid	
Calibration sensitivity		Calibration curve standard difference	
Calibration curve correlation coefficient		Calculation factor	**6696**
Correction slope	**1**	Correction interception	
Linearity limit		Substrate limit	
Prozone test	**0**	Prozone test start point	
Prozone test end point		Prozone test PC value	
Lower limit of normal reference range	**0**	Upper limit of normal reference range	**0**
Linearity range Lower limit		Linearity range upper limit	
Response range lower limit		Response range upper limit	
R1 range lower limit		R1 absorbance upper limit	
Working liquid absorbance lower limit		Working liquid absorbance upper limit	

CONTROLE DE QUALIDADE

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CK-NAC

Item abb.	**CKNA-D**	Item full name	**CKNAC**
Radix point number of result		Unit	**UI/L**
Testing method	**Kinetic**	Reaction trend	**ASC**
Primary wavelength	**340**	Second wavelength	
Sample volume	**4**	R1	**200**
R2		Calculation start time	**10**
Calculation end time	**19**	Sample blank calculation star point	
Sample blank calculation end point		Correction method	**Linear**
Replicates difference limit		Absorbance range of blank fluid	
Calibration sensitivity		Calibration curve standard difference	
Calibration curve correlation coefficient		Calculation factor	**20**
Correction slope	**1**	Correction interception	
Linearity limit		Substrate limit	
Prozone test	**0**	Prozone test start point	
Prozone test end point		Prozone test PC value	
Lower limit of normal reference range	**10**	Upper limit of normal reference range	**1700**
Linearity range Lower limit		Linearity range upper limit	
Response range lower limit		Response range upper limit	
R1 range lower limit		R1 absorbance upper limit	
Working liquid absorbance lower limit		Working liquid absorbance upper limit	

CONTROLE DE QUALIDADE

O uso de soro controle de referência deve ser uma prática rotineira do laboratório. Recomenda-se utilizar um soro controle com valor na faixa de normalidade **(soro controle N - Doles)** e outro soro controle de valor elevado **(soro controle P - Doles)**.

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CLORETO COLORIMÉTRICO

Item abb.	**CLOC-D**	Item full name	**CLORETOS**
Radix point number of result		Unit	**mmol/L**
Testing method	**End point**	Reaction trend	**ASC**
Primary wavelength	**510**	Second wavelength	
Sample volume	**3**	R1	**300**
R2		Calculation start time	**1**
Calculation end time	**10**	Sample blank calculation star point	
Sample blank calculation end point		Correction method	**Linear**
Replicates difference limit		Absorbance range of blank fluid	
Calibration sensitivity		Calibration curve standard difference	
Calibration curve correlation coefficient		Calculation factor	**20**
Correction slope	**1**	Correction interception	
Linearity limit		Substrate limit	
Prozone test	**0**	Prozone test start point	
Prozone test end point		Prozone test PC value	
Lower limit of normal reference range	**0**	Upper limit of normal reference range	**0**
Linearity range Lower limit	**10**	Linearity range upper limit	**125**
Response range lower limit		Response range upper limit	
R1 range lower limit		R1 absorbance upper limit	
Working liquid absorbance lower limit		Working liquid absorbance upper limit	

CONTROLE DE QUALIDADE

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COLESTEROL ENZIMÁTICO LÍQUIDO

Item abb.	**COL**	Item full name	**COLESTEROL**
Radix point number of result		Unit	**mg/dL**
Testing method	**End point**	Reaction trend	**ASC**
Primary wavelength	**510**	Second wavelength	
Sample volume	**3**	R1	**300**
R2		Calculation start time	**1**
Calculation end time	**23**	Sample blank calculation star point	
Sample blank calculation end point		Correction method	**Linear**
Replicates difference limit		Absorbance range of blank fluid	
Calibration sensitivity		Calibration curve standard difference	
Calibration curve correlation coefficient		Calculation factor	**20**
Correction slope	**1**	Correction interception	
Linearity limit		Substrate limit	
Prozone test	**0**	Prozone test start point	
Prozone test end point		Prozone test PC value	
Lower limit of normal reference range	**0**	Upper limit of normal reference range	**200**
Linearity range Lower limit		Linearity range upper limit	
Response range lower limit		Response range upper limit	
R1 range lower limit		R1 absorbance upper limit	
Working liquid absorbance lower limit		Working liquid absorbance upper limit	

CONTROLE DE QUALIDADE

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COLESTEROL HDL DIRETO

Item abb.	**HDL**	Item full name	**HDL**
Radix point number of result		Unit	**mmol/L**
Testing method	**End point**	Reaction trend	**ASC**
Primary wavelength	**578**	Second wavelength	
Sample volume	**3**	R1	**240**
R2	**60**	Calculation start time	**18**
Calculation end time	**34**	Sample blank calculation star point	
Sample blank calculation end point		Correction method	**Linear**
Replicates difference limit		Absorbance range of blank fluid	
Calibration sensitivity		Calibration curve standard difference	
Calibration curve correlation coefficient		Calculation factor	**20**
Correction slope	**1**	Correction interception	
Linearity limit		Substrate limit	
Prozone test	**0**	Prozone test start point	
Prozone test end point		Prozone test PC value	
Lower limit of normal reference range	**0**	Upper limit of normal reference range	**0**
Linearity range Lower limit		Linearity range upper limit	
Response range lower limit		Response range upper limit	
R1 range lower limit		R1 absorbance upper limit	
Working liquid absorbance lower limit		Working liquid absorbance upper limit	

CONTROLE DE QUALIDADE

O uso de soro controle de referência deve ser uma prática rotineira do laboratório. Recomenda-se utilizar um soro controle com valor na faixa de normalidade **(soro controle N - Doles)** e outro soro controle de valor elevado **(soro controle P - Doles)**.

COLESTEROL LDL DIRETO

Item abb.	**LDL-D**	Item full name	**COLESTEROL LDL**
Radix point number of result		Unit	**mg/dL**
Testing method	**End point**	Reaction trend	**ASC**
Primary wavelength	**546**	Second wavelength	
Sample volume	**3**	R1	**240**
R2	**60**	Calculation start time	**18**
Calculation end time	**34**	Sample blank calculation star point	
Sample blank calculation end point		Correction method	**Linear**
Replicates difference limit		Absorbance range of blank fluid	
Calibration sensitivity		Calibration curve standard difference	
Calibration curve correlation coefficient		Calculation factor	**20**
Correction slope	**1**	Correction interception	
Linearity limit		Substrate limit	
Prozone test	**0**	Prozone test start point	
Prozone test end point		Prozone test PC value	
Lower limit of normal reference range	**100**	Upper limit of normal reference range	**129**
Linearity range Lower limit	**7**	Linearity range upper limit	**992**
Response range lower limit		Response range upper limit	
R1 range lower limit		R1 absorbance upper limit	
Working liquid absorbance lower limit		Working liquid absorbance upper limit	

CONTROLE DE QUALIDADE

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CREATININA CINÉTICA

Item abb.	**CREA**	Item full name	**CREATININA**
Radix point number of result	**2**	Unit	**mg/dL**
Testing method	**Two point**	Reaction trend	**ASC**
Primary wavelength	**510**	Second wavelength	
Sample volume	**30**	R1	**300**
R2		Calculation start time	**10**
Calculation end time	**14**	Sample blank calculation star point	
Sample blank calculation end point		Correction method	**Linear**
Replicates difference limit		Absorbance range of blank fluid	
Calibration sensitivity		Calibration curve standard difference	
Calibration curve correlation coefficient		Calculation factor	**20**
Correction slope	**1**	Correction interception	
Linearity limit		Substrate limit	
Prozone test	**0**	Prozone test start point	
Prozone test end point		Prozone test PC value	
Lower limit of normal reference range	**0**	Upper limit of normal reference range	**0**
Linearity range Lower limit	**0,03**	Linearity range upper limit	**10**
Response range lower limit		Response range upper limit	
R1 range lower limit		R1 absorbance upper limit	
Working liquid absorbance lower limit		Working liquid absorbance upper limit	

CONTROLE DE QUALIDADE

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DHL-UV

Item abb.	**DHL-UV**	Item full name	**DHL-UV**
Radix point number of result		Unit	**UI/L**
Testing method	**Kinetic**	Reaction trend	**ASC**
Primary wavelength	**340**	Second wavelength	
Sample volume	**4**	R1	**200**
R2		Calculation start time	**11**
Calculation end time	**21**	Sample blank calculation star point	
Sample blank calculation end point		Correction method	**Linear**
Replicates difference limit		Absorbance range of blank fluid	
Calibration sensitivity		Calibration curve standard difference	
Calibration curve correlation coefficient		Calculation factor	**20**
Correction slope	**1**	Correction interception	
Linearity limit		Substrate limit	
Prozone test	**0**	Prozone test start point	
Prozone test end point		Prozone test PC value	
Lower limit of normal reference range	**140**	Upper limit of normal reference range	**414**
Linearity range Lower limit		Linearity range upper limit	
Response range lower limit		Response range upper limit	
R1 range lower limit		R1 absorbance upper limit	
Working liquid absorbance lower limit		Working liquid absorbance upper limit	

CONTROLE DE QUALIDADE

O uso de soro controle de referência deve ser uma prática rotineira do laboratório. Recomenda-se utilizar um soro controle com valor na faixa de normalidade **(soro controle N - Doles)** e outro soro controle de valor elevado **(soro controle P - Doles)**.

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FERRITINA TURBIDIMÉTRICA

Item abb.	**FERR**	Item full name	**FERR**
Radix point number of result	**2**	Unit	**mg/dL**
Testing method	**End point**	Reaction trend	**ASC**
Primary wavelength	**546**	Second wavelength	
Sample volume	**30**	R1	**240**
R2	**60**	Calculation start time	**17**
Calculation end time	**43**	Sample blank calculation star point	
Sample blank calculation end point		Correction method	**Log-5P**
Replicates difference limit		Absorbance range of blank fluid	
Calibration sensitivity		Calibration curve standard difference	
Calibration curve correlation coefficient		Calculation factor	**20**
Correction slope	**1**	Correction interception	
Linearity limit		Substrate limit	
Prozone test	**0**	Prozone test start point	
Prozone test end point		Prozone test PC value	
Lower limit of normal reference range	**0**	Upper limit of normal reference range	**0**
Linearity range Lower limit		Linearity range upper limit	
Response range lower limit		Response range upper limit	
R1 range lower limit		R1 absorbance upper limit	
Working liquid absorbance lower limit		Working liquid absorbance upper limit	

CALIBRATION SETTIN MANAGEMENT

Calibrator name: água
Calibration position: **
Item conc.: 0
Calibrator name: calibrator Ferritina que acompanha o kit .
Calibrator position: **
Item conc.: vide rótulo do frasco

**** Parâmetro a ser definido pelo usuário.**

Dilution

Dilution calibration
1 : 2,5 - Multiplo

Dilution Calibration	Multiple	Original Volume
1 : 2,5	2,5	60
1 : 4	4	40
1 : 8	8	20
1 : 16	16	10

CONTROLE DE QUALIDADE

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FOSFATASE ALCALINA CINÉTICA

Item abb.	**FALC-D**	Item full name	**FOSF. ALC. CINÉT**
Radix point number of result		Unit	**UI/L**
Testing method	**Kinetic**	Reaction trend	**ASC**
Primary wavelength	**405**	Second wavelength	
Sample volume	**4**	R1	**200**
R2		Calculation start time	**10**
Calculation end time	**23**	Sample blank calculation star point	
Sample blank calculation end point		Correction method	**Linear**
Replicates difference limit		Absorbance range of blank fluid	
Calibration sensitivity		Calibration curve standard difference	
Calibration curve correlation coefficient		Calculation factor	**20**
Correction slope	**1**	Correction interception	
Linearity limit		Substrate limit	
Prozone test	**0**	Prozone test start point	
Prozone test end point		Prozone test PC value	
Lower limit of normal reference range	**0**	Upper limit of normal reference range	**0**
Linearity range Lower limit	**1**	Linearity range upper limit	**690**
Response range lower limit		Response range upper limit	
R1 range lower limit		R1 absorbance upper limit	
Working liquid absorbance lower limit		Working liquid absorbance upper limit	

CONTROLE DE QUALIDADE

O uso de soro controle de referência deve ser uma prática rotineira do laboratório. Recomenda-se utilizar um soro controle com valor na faixa de normalidade **(soro controle N - Doles)** e outro soro controle de valor elevado **(soro controle P - Doles)**.

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FOSFATO-UV

Item abb.	**FOSF-D**	Item full name	**FOSFATO UV**
Radix point number of result	**2**	Unit	**mg/dL**
Testing method	**End point**	Reaction trend	**ASC**
Primary wavelength	**340**	Second wavelength	
Sample volume	**3**	R1	**300**
R2		Calculation start time	**1**
Calculation end time	**21**	Sample blank calculation star point	
Sample blank calculation end point		Correction method	**Linear**
Replicates difference limit		Absorbance range of blank fluid	
Calibration sensitivity		Calibration curve standard difference	
Calibration curve correlation coefficient		Calculation factor	**20**
Correction slope	**1**	Correction interception	
Linearity limit		Substrate limit	
Prozone test	**0**	Prozone test start point	
Prozone test end point		Prozone test PC value	
Lower limit of normal reference range	**0**	Upper limit of normal reference range	**0**
Linearity range Lower limit		Linearity range upper limit	
Response range lower limit		Response range upper limit	
R1 range lower limit		R1 absorbance upper limit	
Working liquid absorbance lower limit		Working liquid absorbance upper limit	

CONTROLE DE QUALIDADE

O uso de soro controle de referência deve ser uma prática rotineira do laboratório. Recomenda-se utilizar um soro controle com valor na faixa de normalidade **(soro controle N - Doles)** e outro soro controle de valor elevado **(soro controle P - Doles)**.

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GAMA GT CINÉTICA

Item abb.	**GGT-D**	Item full name	**GAMA GT CINÉTICA**
Radix point number of result		Unit	**UI/L**
Testing method	**Kinetic**	Reaction trend	**ASC**
Primary wavelength	**405**	Second wavelength	
Sample volume	**20**	R1	**200**
R2		Calculation start time	**10**
Calculation end time	**17**	Sample blank calculation star point	
Sample blank calculation end point		Correction method	**Linear**
Replicates difference limit		Absorbance range of blank fluid	
Calibration sensitivity		Calibration curve standard difference	
Calibration curve correlation coefficient		Calculation factor	**20**
Correction slope	**1**	Correction interception	
Linearity limit		Substrate limit	
Prozone test	**0**	Prozone test start point	
Prozone test end point		Prozone test PC value	
Lower limit of normal reference range	**0**	Upper limit of normal reference range	**0**
Linearity range Lower limit	**1**	Linearity range upper limit	**300**
Response range lower limit		Response range upper limit	
R1 range lower limit		R1 absorbance upper limit	
Working liquid absorbance lower limit		Working liquid absorbance upper limit	

CONTROLE DE QUALIDADE

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GLICOSE ENZIMÁTICA LÍQUIDA

Item abb.	**GLI**	Item full name	**GLICOSE**
Radix point number of result		Unit	**mg/dL**
Testing method	**End point**	Reaction trend	**ASC**
Primary wavelength	**510**	Second wavelength	
Sample volume	**3**	R1	**300**
R2		Calculation start time	**1**
Calculation end time	**23**	Sample blank calculation star point	
Sample blank calculation end point		Correction method	**Linear**
Replicates difference limit		Absorbance range of blank fluid	
Calibration sensitivity		Calibration curve standard difference	
Calibration curve correlation coefficient		Calculation factor	**20**
Correction slope	**1**	Correction interception	
Linearity limit		Substrate limit	
Prozone test	**0**	Prozone test start point	
Prozone test end point		Prozone test PC value	
Lower limit of normal reference range	**70**	Upper limit of normal reference range	**99**
Linearity range Lower limit	**30**	Linearity range upper limit	**600**
Response range lower limit		Response range upper limit	
R1 range lower limit		R1 absorbance upper limit	
Working liquid absorbance lower limit		Working liquid absorbance upper limit	

CONTROLE DE QUALIDADE

O uso de soro controle de referência deve ser uma prática rotineira do laboratório. Recomenda-se utilizar um soro controle com valor na faixa de normalidade **(soro controle N - Doles)** e outro soro controle de valor elevado **(soro controle P - Doles)**.

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HEMOGLOBINA HbA1c

Item abb.	**HBA1C**	Item full name	**HBA1C**
Radix point number of result	**2**	Unit	**%**
Testing method	**End point**	Reaction trend	**ASC**
Primary wavelength	**630**	Second wavelength	
Sample volume	**4**	R1	**150**
R2	**50**	Calculation start time	**11**
Calculation end time	**33**	Sample blank calculation star point	
Sample blank calculation end point		Correction method	**Linear**
Replicates difference limit		Absorbance range of blank fluid	
Calibration sensitivity		Calibration curve standard difference	
Calibration curve correlation coefficient		Calculation factor	**20**
Correction slope	**1**	Correction interception	
Linearity limit		Substrate limit	
Prozone test	**0**	Prozone test start point	
Prozone test end point		Prozone test PC value	
Lower limit of normal reference range	**0**	Upper limit of normal reference range	**0**
Linearity range Lower limit		Linearity range upper limit	
Response range lower limit		Response range upper limit	
R1 range lower limit		R1 absorbance upper limit	
Working liquid absorbance lower limit		Working liquid absorbance upper limit	

CALIBRAÇÃO

Concentração: n° de calibradores = (4)
Cal 1:Valor assinalado do Calibrador HbA1c Doles Nível 01
Cal 2:Valor assinalado do Calibrador HbA1c Doles Nível 02
Cal 3:Valor assinalado do Calibrador HbA1c Doles Nível 03
Cal 4:Valor assinalado do Calibrador HbA1c Doles Nível 04
Curva de Calibração: Log 5
Tipo de Curva : Crescente

CONTROLE DE QUALIDADE

O uso de controle de referência deve ser uma prática rotineira do laboratório. Recomenda-se utilizar um controle com valor na faixa de normalidade e outro controle de valor elevado.

MICROALBUMINÚRIA TURBIDIMÉTRICA

Item abb.	**MALB-D**	Item full name	**MICROAL-BUMINÚRIA**
Radix point number of result	**1**		
Testing method	**End point**	Unit	**mg/L**
Primary wavelength	**546**	Reaction trend	**ASC**
Sample volume	**3**	Second wavelength	
R2	**60**	R1	**240**
Calculation end time	**23**	Calculation start time	**10**
Sample blank calculation end point		Sample blank calculation star point	
Replicates difference limit		Correction method	**Linear**
Calibration sensitivity		Absorbance range of blank fluid	
Calibration curve correlation coefficient		Calibration curve standard difference	
Correction slope	**1**	Calculation factor	**20**
Linearity limit		Correction interception	
Prozone test	**0**	Substrate limit	
Prozone test end point		Prozone test start point	
Lower limit of normal reference range	**2**	Prozone test PC value	
Linearity range Lower limit		Upper limit of normal reference range	**30**
Response range lower limit		Linearity range upper limit	**80**
R1 range lower limit		Response range upper limit	
Working liquid absorbance lower limit		R1 absorbance upper limit	
		Working liquid absorbance upper limit	

CONTROLE DE QUALIDADE

O uso de controle de referência deve ser uma prática rotineira do laboratório. Recomenda-se utilizar um controle com valor na faixa de normalidade e outro controle de valor elevado.

MICROPROTE pirogalol

Item abb.	**PTUD**	Item full name	**MICROPROTE pirogalol**
Radix point number of result	**2**	Unit	**mg/dL**
Testing method	**End point**	Reaction trend	**ASC**
Primary wavelength	**630**	Second wavelength	
Sample volume	**4**	R1	**200**
R2		Calculation start time	**1**
Calculation end time	**34**	Sample blank calculation star point	
Sample blank calculation end point		Correction method	**Linear**
Replicates difference limit		Absorbance range of blank fluid	
Calibration sensitivity		Calibration curve standard difference	
Calibration curve correlation coefficient		Calculation factor	**20**
Correction slope	**1**	Correction interception	
Linearity limit		Substrate limit	
Prozone test	**0**	Prozone test start point	
Prozone test end point		Prozone test PC value	
Lower limit of normal reference range	**0**	Upper limit of normal reference range	**0**
Linearity range Lower limit	**0,01**	Linearity range upper limit	**300**
Response range lower limit		Response range upper limit	
R1 range lower limit		R1 absorbance upper limit	
Working liquid absorbance lower limit		Working liquid absorbance upper limit	

CONTROLE DE QUALIDADE

O uso de soro controle de referência deve ser uma prática rotineira do laboratório. Recomenda-se utilizar um soro controle com valor na faixa de normalidade e outro controle de valor elevado.

PCRTEST TURBIDIMÉTRICO

Item abb.	**PCRD**	Item full name	**PCRTURB**
Radix point number of result		Unit	**mg/L**
Testing method	**End point**	Reaction trend	**ASC**
Primary wavelength	**546**	Second wavelength	
Sample volume	**3**	R1	**300**
R2		Calculation start time	**1**
Calculation end time	**14**	Sample blank calculation star point	
Sample blank calculation end point		Correction method	**Linear**
Replicates difference limit		Absorbance range of blank fluid	
Calibration sensitivity		Calibration curve standard difference	
Calibration curve correlation coefficient		Calculation factor	**20**
Correction slope	**1**	Correction interception	
Linearity limit		Substrate limit	
Prozone test	**0**	Prozone test start point	
Prozone test end point		Prozone test PC value	
Lower limit of normal reference range	**2**	Upper limit of normal reference range	**6**
Linearity range Lower limit		Linearity range upper limit	**80**
Response range lower limit		Response range upper limit	
R1 range lower limit		R1 absorbance upper limit	
Working liquid absorbance lower limit		Working liquid absorbance upper limit	

CONTROLE DE QUALIDADE

O uso de soro controle de referência deve ser uma prática rotineira do laboratório. Recomenda-se utilizar um soro controle com valor na faixa de normalidade e outro controle de valor elevado.

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PCRTEST ULTRASENSÍVEL

Item abb.	**PCRUD**	Item full name	**PCR ULTRA**
Radix point number of result	**2**	Unit	**mg/L**
Testing method	**End point**	Reaction trend	**ASC**
Primary wavelength	**546**	Second wavelength	
Sample volume	**2,5**	R1	**200**
R2	**12**	Calculation start time	**18**
Calculation end time	**28**	Sample blank calculation star point	
Sample blank calculation end point		Correction method	**Logit-5P**
Replicates difference limit		Absorbance range of blank fluid	
Calibration sensitivity		Calibration curve standard difference	
Calibration curve correlation coefficient		Calculation factor	**20**
Correction slope	**1**	Correction interception	
Linearity limit		Substrate limit	
Prozone test	**0**	Prozone test start point	
Prozone test end point		Prozone test PC value	
Lower limit of normal reference range	**0**	Upper limit of normal reference range	**0**
Linearity range Lower limit		Linearity range upper limit	
Response range lower limit		Response range upper limit	
R1 range lower limit		R1 absorbance upper limit	
Working liquid absorbance lower limit		Working liquid absorbance upper limit	

CALIBRATION SETTIN MANAGEMENT

Calibrator name: água
Calibration position: **
Item conc.: 0
Calibrator name: calibrator Ferritina que acompanha o kit .
Calibrator position: **
Item conc.: vide rótulo do frasco

**** Parâmetro a ser definido pelo usuário**

Dilution

Dilution calibration
1 : 2,5 - Multiplo

Dilution Calibration	Multiple	Original Volume
1 : 2,5	2,5	60
1 : 4	4	40
1 : 8	8	20
1 : 16	16	10

CONTROLE DE QUALIDADE

O uso de soro controle de referência deve ser uma prática rotineira do laboratório. Recomenda-se utilizar um soro controle com valor na faixa de normalidade e outro controle de valor elevado.

PROTEÍNAS TOTAIS

Item abb.	**PROT TOT**
Radix point number of result	**2**
Testing method	**End point**
Primary wavelength	**546**
Sample volume	**6**
R2	
Calculation end time	**21**
Sample blank calculation end point	
Replicates difference limit	
Calibration sensitivity	
Calibration curve correlation coefficient	
Correction slope	**1**
Linearity limit	
Prozone test	**0**
Prozone test end point	
Lower limit of normal reference range	**0**
Linearity range Lower limit	
Response range lower limit	
R1 range lower limit	
Working liquid absorbance lower limit	

Item full name	**PRO TOTAIS**
Unit	**g/gL**
Reaction trend	**ASC**
Second wavelength	
R1	**300**
Calculation start time	**1**
Sample blank calculation star point	
Correction method	**Linear**
Absorbance range of blank fluid	
Calibration curve standard difference	
Calculation factor	**20**
Correction interception	
Substrate limit	
Prozone test start point	
Prozone test PC value	
Upper limit of normal reference range	**0**
Linearity range upper limit	**12**
Response range upper limit	
R1 absorbance upper limit	
Working liquid absorbance upper limit	

PREPARO DO REAGENTE DE TRABALHO

Misturar 10mL do reagente de Biureto preparado com 8 gotas de solução alcalina.

CONTROLE DE QUALIDADE

O uso de soro controle de referência deve ser uma prática rotineira do laboratório. Recomenda-se utilizar um soro controle com valor na faixa de normalidade **(soro controle N - Doles)** e outro soro controle de valor elevado **(soro controle P - Doles)**.

REUMATEST TURBIDIMÉTRICO

Item abb.	**FRTD**	Item full name	**REUMATEST**
Radix point number of result		Unit	**U.I/L**
Testing method	**End point**	Reaction trend	**ASC**
Primary wavelength	**630**	Second wavelength	
Sample volume	**3**	R1	**240**
R2	**60**	Calculation start time	**18**
Calculation end time	**24**	Sample blank calculation star point	
Sample blank calculation end point		Correction method	**Exponential-**
Replicates difference limit			**5P**
Calibration sensitivity		Absorbance range of blank fluid	
Calibration curve correlation coefficient		Calibration curve standard difference	
Correction slope	**1**	Calculation factor	**20**
Linearity limit		Correction interception	
Prozone test	**0**	Substrate limit	
Prozone test end point		Prozone test start point	
Lower limit of normal reference range	**0**	Prozone test PC value	
Linearity range Lower limit		Upper limit of normal reference range	**0**
Response range lower limit		Linearity range upper limit	
R1 range lower limit		Response range upper limit	
Working liquid absorbance lower limit		R1 absorbance upper limit	
		Working liquid absorbance upper limit	

CALIBRATION SETTIN MANAGEMENT

Calibrator name: água
Calibration position: **
Item conc.: 0
Calibrator name: calibrator Ferritina que acompanha o kit .
Calibrator position: **
Item conc.: vide rótulo do frasco

**** Parâmetro a ser definido pelo usuário.**

Dilution

Dilution calibration
1 : 2,5 - Multiplo

Dilution Calibration	Multiple	Original Volume
1 : 2,5	2,5	60
1 : 4	4	40
1 : 8	8	20
1 : 16	16	10

CONTROLE DE QUALIDADE

O uso de soro controle de referência deve ser uma prática rotineira do laboratório. Recomenda-se utilizar um soro controle com valor na faixa de normalidade e outro controle de valor elevado.

TRIGLICÉRIDES ENZIMÁTICO LÍQUIDO

Item abb.	**TRI-LIQ**	Item full name	**TRIGLICÉRIDES ENZ.**
Radix point number of result		Unit	**mg/dL**
Testing method	**End point**	Reaction trend	**ASC**
Primary wavelength	**510**	Second wavelength	
Sample volume	**3**	R1	**300**
R2		Calculation start time	**1**
Calculation end time	**23**	Sample blank calculation star point	
Sample blank calculation end point		Correction method	**Linear**
Replicates difference limit	**4000**	Absorbance range of blank fluid	**4000**
Calibration sensitivity	**4000**	Calibration curve standard difference	
Calibration curve correlation coefficient		Calculation factor	**20**
Correction slope	**1**	Correction interception	
Linearity limit		Substrate limit	
Prozone test	**0**	Prozone test start point	
Prozone test end point		Prozone test PC value	
Lower limit of normal reference range	**0**	Upper limit of normal reference range	**200**
Linearity range Lower limit	**1**	Linearity range upper limit	**800**
Response range lower limit		Response range upper limit	
R1 range lower limit		R1 absorbance upper limit	
Working liquid absorbance lower limit		Working liquid absorbance upper limit	

CONTROLE DE QUALIDADE

O uso de soro controle de referência deve ser uma prática rotineira do laboratório. Recomenda-se utilizar um soro controle com valor na faixa de normalidade **(soro controle N - Doles)** e outro soro controle de valor elevado **(soro controle P - Doles)**.

URATO ENZIMÁTICO LÍQUIDO

tem abb.	**URATO**	Item full name	**ÁCIDO URICO**
Radix point number of result	**2**	Unit	**mg/dL**
Testing method	**End point**	Reaction trend	**ASC**
Primary wavelength	**510**	Second wavelength	
Sample volume	**5**	R1	**200**
R2		Calculation start time	**1**
Calculation end time	**23**	Sample blank calculation star point	
Sample blank calculation end point		Correction method	**Linear**
Replicates difference limit		Absorbance range of blank fluid	
Calibration sensitivity		Calibration curve standard difference	
Calibration curve correlation coefficient		Calculation factor	**20**
Correction slope	**1**	Correction interception	
Linearity limit		Substrate limit	
Prozone test	**0**	Prozone test start point	
Prozone test end point		Prozone test PC value	
Lower limit of normal reference range	**2,5**	Upper limit of normal reference range	**7**
Linearity range Lower limit		Linearity range upper limit	
Response range lower limit		Response range upper limit	
R1 range lower limit		R1 absorbance upper limit	
Working liquid absorbance lower limit		Working liquid absorbance upper limit	

CONTROLE DE QUALIDADE

O uso de soro controle de referência deve ser uma prática rotineira do laboratório. Recomenda-se utilizar um soro controle com valor na faixa de normalidade **(soro controle N - Doles)** e outro soro controle de valor elevado **(soro controle P - Doles)**.

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UREIA-UV

Item abb.	**UREIA**	Item full name	**UREIA UV**
Radix point number of result		Unit	**mg/dL**
Testing method	**Kinetic**	Reaction trend	**DESC**
Primary wavelength	**340**	Second wavelength	
Sample volume	**3**	R1	**300**
R2		Calculation start time	**11**
Calculation end time	**14**	Sample blank calculation star point	
Sample blank calculation end point		Correction method	**Linear**
Replicates difference limit		Absorbance range of blank fluid	
Calibration sensitivity		Calibration curve standard difference	
Calibration curve correlation coefficient		Calculation factor	**20**
Correction slope	**1**	Correction interception	
Linearity limit		Substrate limit	
Prozone test	**0**	Prozone test start point	
Prozone test end point		Prozone test PC value	
Lower limit of normal reference range	**0**	Upper limit of normal reference range	**40**
Linearity range Lower limit		Linearity range upper limit	
Response range lower limit		Response range upper limit	
R1 range lower limit		R1 absorbance upper limit	
Working liquid absorbance lower limit		Working liquid absorbance upper limit	

CONTROLE DE QUALIDADE

O uso de soro controle de referência deve ser uma prática rotineira do laboratório. Recomenda-se utilizar um soro controle com valor na faixa de normalidade **(soro controle N - Doles)** e outro soro controle de valor elevado **(soro controle P - Doles)**.

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