

CERTIFICATE OF ACCEPTABLE PERFORMANCE

Laboratorio Vele Lab M Mostar
 Laboratorio
 29 Hud BP14
 MOSTAR
 88104
 BOSNIA AND HERZEGOVINA

LABORATORY REF. NO. 442364/G

MONTHLY CLINICAL CHEMISTRY - CYCLE 16

30/12/2019

This is to certify that the above participant took part in a cycle of external quality assessment and achieved an acceptable level of performance (Cycle Average Absolute SDI ≤ 2) for the following parameters:

	Cycle Average Absolute SDI
Albumin - Bromocresol Green - Beckman AU instruments	0.36
Alkaline Phosphatase - Beckman AMP (Extinction Coeff) - Beckman AU instruments	0.46
ALT (GPT) - Beckman Mod. IFCC Ref. without P5P - Beckman AU instruments	0.44
Amylase, Total - Other non blocked pNPG7 - Beckman AU instruments	0.58
AST (GOT) - Beckman Mod. IFCC Ref. without P5P - Beckman AU instruments	0.27
Bicarbonate - Enzymatic - Beckman AU instruments	1.46
Bilirubin, Direct - Dichlorophenyl Diazonium - Beckman AU instruments	0.28
Bilirubin, Total - DPD (Beckman AU) - Beckman AU instruments	0.12
Calcium - Arsenazo - Beckman AU instruments	0.30
Cholesterol - Cholesterol Oxidase - Abell Kendall - Beckman AU instruments	0.64
CK, Total - Beckman CK-NAC (IFCC) - Beckman AU instruments	0.55
Creatinine - Alkaline picrate no deproteinisation - Beckman AU instruments	0.52
GGT - Beckman Szasz (Extinction Coeff.) - Beckman AU instruments	0.24
Glucose - Hexokinase - Beckman AU instruments	0.40
HDL-Cholesterol - Direct HDL, Immunoseparation - Beckman AU instruments	0.87
Iron - Colorimetric without ppt. - Beckman AU instruments	0.81
LD (LDH) - L to P Beckman (Extinction Coeff) - Beckman AU instruments	0.56
Magnesium - Xylidyl Blue - Beckman AU instruments	0.87
Phosphate, Inorganic - Beckman PHOSm kit (365nm) - Beckman AU instruments	0.70
Protein, Total - Biuret reaction, end point - Beckman AU instruments	0.67
Trig Total - Lipase/GK UV. no correction - Beckman AU instruments	0.32
UIBC - Direct Colorimetric - Beckman AU instruments	0.39
Urea - Urease, kinetic - Beckman AU instruments	0.26
Uric Acid (Urate) - Uricase perox. no ascorb. ox. - Beckman AU instruments	0.41

This certificate is valid until 24/01/2021

Authorised by:
 Stephen Doherty, RIQAS Manager

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LABORATORY REF. NO. 442364/F**COAGULATION - CYCLE 11****16/12/2019**

This is to certify that the above participant took part in a cycle of external quality assessment and achieved an acceptable level of performance (Cycle Average Absolute SDI ≤ 2) for the following parameters:

Cycle Average Absolute SDI

D-Dimer (Pilot) - Biomerieux VIDAS Exclusion II - Biomerieux Vidas/miniVidas/Vidas 3

0.84

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LABORATORY REF. NO. 442364/J

MONTHLY HAEMATOLOGY - CYCLE 12

09/12/2019

This is to certify that the above participant took part in a cycle of external quality assessment and achieved an acceptable level of performance (Cycle Average Absolute SDI ≤ 2) for the following parameters:

	Cycle Average Absolute SDI
Haemoglobin - Abbott Cell-Dyn Ruby	0.20
Haematocrit (HCT) - Abbott Cell-Dyn Ruby	0.92
MCH - Abbott Cell-Dyn Ruby	0.34
MCHC - Abbott Cell-Dyn Ruby	0.98
MCV - Abbott Cell-Dyn Ruby	1.34
Mean Platelet Volume - Abbott Cell-Dyn Ruby	1.23
Platelets (Optical Count) - Abbott Cell-Dyn Ruby	0.51
RBC (Optical Count) - Abbott Cell-Dyn Ruby	0.27
WBC (Optical Count) - Abbott Cell-Dyn Ruby	0.34

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LABORATORY REF. NO. 442364/C

MONTHLY IMMUNOASSAY - CYCLE 17

30/12/2019

This is to certify that the above participant took part in a cycle of external quality assessment and achieved an acceptable level of performance (Cycle Average Absolute SDI ≤ 2) for the following parameters:

	Cycle Average Absolute SDI
CA 15-3 - Roche Cobas 4000/e41 I	0.97
CA 19-9 - Roche Cobas 4000/e41 I	1.18
CEA - Roche Cobas 4000/e41 I	0.60
Folate - Roche Folate III - 07559992	1.60
PSA, Free - Roche Cobas 4000/e41 I	0.48
PSA, Total - Roche Cobas 4000/e41 I	0.80
Parathyroid hormone - Roche Cobas 4000/e41 I PTH (1-84)	0.88
Vitamin B12 - Roche Cobas 4000/e41 I Gen II	0.75

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LABORATORY REF. NO. 442364/D

MONTHLY IMMUNOASSAY - CYCLE 17

30/12/2019

This is to certify that the above participant took part in a cycle of external quality assessment and achieved an acceptable level of performance (Cycle Average Absolute SDI ≤ 2) for the following parameters:

	Cycle Average Absolute SDI
ACTH - Siemens/DPC Immulite 1000	1.14
AFP - Siemens/DPC Immulite 1000	0.97
Androstenedione - Siemens/DPC Immulite 1000	0.73
Beta-2-Microglobulin - Siemens/DPC Immulite 1000	1.14
CA 125 - Siemens/DPC Immulite 1000	0.72
Cortisol - Siemens/DPC Immulite 1000	0.92
C-Peptide - Roche Cobas 4000/e411	0.76
DHEA-S - Siemens/DPC Immulite 1000	1.18
Estriol, total (Pilot) - Siemens/DPC Immulite 1000	0.58
Ferritin - Siemens/DPC Immulite 1000	0.59
FSH - Siemens/DPC Immulite 1000	0.93
GH - Siemens/DPC Immulite 1000	1.42
hCG - Siemens/DPC Immulite 1000	0.78
IgE - Siemens/DPC Immulite 1000	1.24
Insulin - Roche Cobas 4000/e411	1.17
LH - Siemens/DPC Immulite 1000	0.53
Oestradiol - Siemens/DPC Immulite 1000	0.80
Progesterone - Siemens/DPC Immulite 1000	0.89
Prolactin - Siemens/DPC Immulite 1000	0.44
Sex Hormone Binding Globulin - Siemens/DPC Immulite 1000	0.63
Free T3 - Siemens/DPC Immulite 1000	0.60
Free T4 - Siemens/DPC Immulite 1000	0.54
Testosterone - Siemens/DPC Immulite 1000	1.16
Thyroglobulin - DPC Immulite 1000	0.69
TSH - Siemens/DPC Immulite 1000	0.80

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LABORATORY REF. NO. 442364/E**COAGULATION - CYCLE II****16/12/2019**

This is to certify that the above participant took part in a cycle of external quality assessment and achieved an acceptable level of performance (Cycle Average Absolute SDI ≤ 2) for the following parameters:

	Cycle Average Absolute SDI
Fibrinogen - Siemens/Dade Multifibren U - Tcoag KCI/ KC4	1.96
aPTT in seconds - Teco TEClot APTT - Tcoag KCI/ KC4	1.34

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LABORATORY REF. NO. 442364/I**MONTHLY CLINICAL CHEMISTRY - CYCLE 16****30/12/2019**

This is to certify that the above participant took part in a cycle of external quality assessment and achieved an acceptable level of performance (Cycle Average Absolute SDI ≤ 2) for the following parameters:

	Cycle Average Absolute SDI
Lipase - Other Colorimetric - Beckman AU instruments	1.72
Zinc - Colorimetric without deprot. - Beckman AU inst.(non Beckman reagents)	1.20

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LABORATORY REF. NO. 442364/H

MONTHLY CLINICAL CHEMISTRY - CYCLE 16

30/12/2019

This is to certify that the above participant took part in a cycle of external quality assessment and achieved an acceptable level of performance (Cycle Average Absolute SDI ≤ 2) for the following parameters:

	Cycle Average Absolute SDI
Chloride - ISE, direct - Erba Lyte ISE Electrolyte series	0.78
Potassium - ISE method - direct - Erba Lyte ISE Electrolyte series	1.60
Sodium - ISE method - direct - Erba Lyte ISE Electrolyte series	1.04

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LABORATORY REF. NO. 442364/B**MONTHLY IMMUNOASSAY - CYCLE 17****30/12/2019**

This is to certify that the above participant took part in a cycle of external quality assessment and achieved an acceptable level of performance (Cycle Average Absolute SDI ≤ 2) for the following parameters:

	Cycle Average Absolute SDI
25-OH-Vitamin D - bioMerieux Vidas/mini Vidas/Vidas 3	0.39

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