NÁRODNÍ AKREDITAČNÍ ORGÁN

EA MLA Signatory
Český institut pro akreditaci, o.p.s.
Olšanská 54/3, 130 00 Praha 3

issues

according to section 16 of Act No. 22/1997 Coll., on technical requirements for products, as amended

CERTIFICATE OF ACCREDITATION

No. **167/2018**

Ústřední vojenská nemocnice - Vojenská fakultní nemocnice Praha with registered office U Vojenské nemocnice 1200, 169 02 Praha 6, Company Registration No. 61383082

to the Medical laboratory No. **8195**
Clinical Laboratories

Scope of accreditation:

Examinations in the field of clinical biochemistry, medical microbiology, haematology, immunohaematology and transfusion service, including shared examinations and sampling of venous and capillary blood to the extent as specified in the appendix to this Certificate.

This Certificate of Accreditation is a proof of Accreditation issued on the basis of assessment of fulfillment of the accreditation criteria in accordance with

ČSN EN ISO 15189:2013

In its activities performed within the scope and for the period of validity of this Certificate, the Body is entitled to refer to this Certificate, provided that the accreditation is not suspended and the Body meets the specified accreditation requirements in accordance with the relevant regulations applicable to the activity of an accredited Conformity Assessment Body.

This Certificate of Accreditation replaces, to the full extent, Certificate No.: 348/2017 of 16. 6. 2017, or any administrative acts building upon it.

The Certificate of Accreditation is valid until: **21. 8. 2020**

Prague: 4. 4. 2018

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Jiří Růžička
Director
Czech Accreditation Institute
Public Service Company

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Military University Hospital (ÚVN) Prague
Clinical Laboratories
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Examinations:

Ordinal number	Examination procedure name	Examination procedure identification	Examined object
222 - Transfusion Medicine			
1.	Examination of AB0 and RhD blood group by agglutination method on the Galileo NEO (KS) automatic analyzer [Blood group AB0 RhD]	SOP/A-Sklad/001/	Incoagulable blood
2.	Screening examination of irregular anti-erythrocyte antibodies by solid phase method on the Galileo NEO automatic analyzer [Screening of antibodies – NAT (solid phase)]	SOP/A-Sklad/002/	Incoagulable blood
3.	Screening examination of irregular anti-erythrocyte antibodies by column agglutination method [Screening of antibodies – NAT (column agglutination)]	SOP/A-Sklad/003/	Incoagulable blood
4.	Compatibility examination using computer evaluation – electronic compatibility test [KP (EKP)]	SOP/A-Sklad/004/	Incoagulable blood
5.	Compatibility examination by column agglutination method [KP (column agglutination)]	SOP/A-Sklad//005/	Incoagulable blood
6.	Compatibility examination by solid phase method on the Galileo NEO automatic analyzer [KP (solid phase)]	SOP/A-Sklad/006/	Incoagulable blood
7.	Identification of anti-erythrocyte antibodies by column agglutination method [Identification of anti-erythrocyte antibodies (column agglutination)]	SOP/A-Sklad/007/	Incoagulable blood

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Ordinal number	Examination procedure name	Examination procedure identification	Examined object
8.	Identification of anti-erythrocyte antibodies by solid phase method on the Galileo NEO automatic analyzer [Identification of anti-erythrocyte antibodies (solid phase)]	SOP/A-Sklad/008/	Incoagulable blood
9.	Examination of direct antiglobulin test by column agglutination method [Direct antiglobulin test (column agglutination)]	SOP/A-Sklad/009	Incoagulable blood
	801 - Clinical Biochemistry		
1.	Determination of amount-of-substance concentration of sodium by indirect potentiometry [S Na]	SOP/A-Bioch/012/	Serum
2.	Determination of amount-of-substance concentration of potassium by indirect potentiometry [S K]	SOP/A-Bioch/013/	Serum
3.	Determination of amount-of-substance concentration of chloride by indirect potentiometry [S Cl]	SOP/A-Bioch/014/	Serum
4.	Determination of catalytic concentration of alanine aminotransferase by photometry [S ALT]	SOP/A-Bioch/015/	Serum
5.	Determination of catalytic concentration of gamma-glutamyltransferase by photometry [S GGT]	SOP/A-Bioch/016/	Serum
6.	Determination of catalytic concentration of alanine aspartate aminotransferase by photometry [S AST]	SOP/A-Bioch/017/	Serum

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Ordinal number	Examination procedure name	Examination procedure identification	Examined object
7.	Determination of amount-of-substance concentration of glucose by photometry [S Glucose]	SOP/A-Bioch/018/	Serum
8.	Determination of mass concentration of free prostatic specific antigen by ECLIA method [S FPSA]	SOP/A-Bioch/023/	Serum
9.	Determination of mass concentration of total protein by photometry [S Protein total]	SOP/A-Bioch/029/	Serum
10.	Determination of amount-of-substance concentration of cholesterol by photometry [S Cholesterol]	SOP/A-Bioch/031/	Serum
11.	Determination of amount-of-substance concentration of uric acid by photometry [S Uric acid]	SOP/A-Bioch/032/	Serum
12.	Determination of mass concentration of albumin by photometry [S Albumin]	SOP/A-Bioch/033/	Serum
13.	Determination of amount-of-substance concentration of triacylglycerols by photometry [S Triacylglycerols]	SOP/A-Bioch/034/	Serum
14.	Determination of amount-of-substance concentration of HDL cholesterol by photometry [S HDL cholesterol]	SOP/A-Bioch/035/	Serum
15.	Determination of catalytic concentration of alkaline phosphatase by photometry [S ALP]	SOP/A-Bioch/036/	Serum
16.	Determination of catalytic concentration of alpha-amylase by photometry [S Amylase total]	SOP/A-Bioch/037/	Serum

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Ordinal number	Examination procedure name	Examination procedure identification	Examined object
17.	Determination of catalytic concentration of pancreatic alpha-amylase by photometry [S Amylase pancreatic]	SOP/A-Bioch/038/	Serum
18.	Determination of amount-of-substance concentration of urea by photometry [S Urea]	SOP/A-Bioch/039/	Serum
19.	Determination of the ratio of glycated haemoglobin HbA1c by high-performance liquid chromatography [NK Glyc.Hb HbA1c]	SOP/A-Bioch/040/	Whole blood
20.	Determination of mass concentration of troponin T (hs TNT) by ECLIA method [S Troponin T hs]	SOP/A-Bioch/042/	Serum
21.	Determination of mass concentration of NT-proBNP by ECLIA method [S NT-proBNP]	SOP/A-Bioch/043/	Serum
22.	Determination of arbitrary amount-of-substance concentration of CA 125 tumour marker by ECLIA method [S CA 125]	SOP/A-Bioch/045/	Serum
23.	Determination of molar concentration of total bilirubin by photometric method [S Bilirubin total]	SOP/A-Bioch/049/	Serum
24.	Determination of amount-of-substance concentration of creatinine by photometry (Jaffé method) [S Creatinine]	SOP/A-Bioch/051/	Serum
25.	Determination of acid-base balance parameters – pH, pO_2, pCO_2 by potentiometric and amperometric methods [NK pH, NK pO_2, NK pCO_2]	SOP/A-Bioch/053/	Whole blood

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Ordinal number	Examination procedure name	Examination procedure identification	Examined object
802 - Medical microbiology			
1.	Bacteriological examination of clinical material by microscopy and culture method	SOP/A - OKM/01/	Swab of wound, punctate, fistulae, abscess, redon, dialyzate, pus, tissue, implant, decubitus, varicose ulster, acne, bile exudate, furuncle, gastric juice, middle ear, external auditory canal, ORL cavities, conjunctival sac, prostatic secretion, ejaculate, drain, catheter, skin nidus
2.	Bacteriological examination of material from urogenital tract by culture method	SOP/A - OKM/02/	Vaginal, cervical, urethral swab, ejaculate, prostatic secretion, urine
3.	Determination of sensitivity to antimicrobial agents by qualitative method	SOP/A - OKM/03/	Sample for bacteriological examination – isolate, pure culture
4.	Determination of sensitivity to antimicrobial agents by quantitative method	SOP/A - OKM/04/	Sample for bacteriological examination – isolate, pure culture
5.	Bacteriological examination of samples from lower respiratory tract by microscopic and culture method and determination of antigen of respiratory pathogens from urine	SOP/A - OKM/05/	Sputum, BAL, ETK aspirate/swab, urine
6.	Bacteriological examination of samples from upper respiratory tract by culture method	SOP/A - OKM/06/	Cervical, nasal, oral cavity, nasopharyngeal, laryngeal swab
7.	Bacteriological examination of blood and punctate by microscopic and culture method in an automatic culture system	SOP/A - OKM/07/	Blood, punctate, exudate, cerebrospinal fluid
8.	Identification and typing of bacterial isolates using orientational and commercial phenotyping methods and mass spectrometry method – MALDI-TOF	SOP/A - OKM/08/	Pure bacterial culture - isolate
9.	Bacteriological examination of cerebrospinal fluid by microscopy, culture and latex agglutination method	SOP/A - OKM/09/	CSF
10.	Bacteriological examination of urine by culture method	SOP/A - OKM/10/	Urine

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Ordinal number	Examination procedure name	Examination procedure identification	Examined object
11.	Examination of rectal swabs and stool by culture method and viral and bacterial antigen detection method	SOP/A - OKM/11/	Rectal swabs, stool
12.	Quantitative determination of specific IgM and IgG antibodies against Borrelia burgdorferi sensu lato by chemiluminescence analysis method on the LIAISON analyzer [S_AB/BORR IgG CLIA, S_AB/BORR IgM CLIA, P_AB/BORR IgG CLIA, P_AB/BORR IgM CLIA]	SOP/A - OKM/12/	Serum, plasma
13.	Quantitative determination of specific IgM and IgG antibodies against Cytomegalovirus (CMV) by chemiluminescence analysis method on the LIAISON analyzer [S_AB/CMV IgG CLIA S_AB/CMV IgM CLIA, P_AB/CMV IgG CLIA, P_AB/CMV IgM CLIA]	SOP/A - OKM/13/	Serum, plasma
14.	Quantitative determination of specific antibodies against Epstein-Barr virus (IgG EA, IgG EBNA, IgG VCA, IgM VCA class) by chemiluminescence analysis method on the LIAISON analyzer [S_AB/EBV-EA IgG CLIA S_AB/EBV-EBNA IgG CLIA S_AB/EBV-VCA IgG CLIA S_AB/EBV-VCA IgM CLIA, P_AB/ EBV-EA IgG CLIA P_AB/ EBV-EBNA IgG CLIA P_AB/ EBV-VCA IgG CLIA P_AB/ EBV-VCA IgM CLIA]	SOP/A - OKM/14/	Serum, plasma
15.	Quantitative determination of specific IgG antibodies against Tetanus by ELISA method [S_AB/TET IgG Elisa]	SOP/A - OKM/15/	Serum

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Ordinal number	Examination procedure name	Examination procedure identification	Examined object
16.	Detection of Borrelia burgdorferi sensu lato IgM and IgG antibodies by Western Blot method [S_WB Borr IgG, S_WB Borr IgM, P_WB Borr IgG, P_WB Borr IgM, J_WB Borr IgG, J_WB Borr IgM]	SOP/A - OKM/16/	Serum, plasma, synovial fluid, joint punctate
17.	Qualitative determination of hepatitis B virus surface antigen by ECLIA method [S HBsAg]	SOP/A-Bioch/024/	Serum
18.	Qualitative determination of HIV p24 antigen and HIV-1 and HIV-2 antibodies by ECLIA method [S Anti HIV 1/2+p24]	SOP/A-Bioch/025/	Serum
19.	Qualitative determination of antibodies against hepatitis C virus by ECLIA method [S Anti HCV]	SOP/A-Bioch/026/	Serum
813 - Allergology and Immunology Laboratory			
1.	Determination of mass concentration of C-reactive protein by immunoturbidimetry [S CRP]	SOP/A-Bioch/030/	Serum
815 - Nuclear Medicine Laboratory			
1.	Determination of amount-of-substance concentration of free triiodothyronine by ECLIA method [S FT3]	SOP/A-Bioch/019/	Serum
2.	Determination of amount-of-substance concentration of free thyroxine by ECLIA method [S FT4]	SOP/A-Bioch/020/	Serum
3.	Determination of arbitrary amount-of-substance concentration of thyroid-stimulating hormone by ECLIA method [S TSH]	SOP/A-Bioch/021/	Serum

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Ordinal number	Examination procedure name	Examination procedure identification	Examined object
4.	Determination of mass concentration of total prostatic specific antigen by ECLIA method [S PSA]	SOP/A-Bioch/022/	Serum
5.	Determination of mass concentration of myoglobin by ECLIA method [S Myoglobin]	SOP/A-Bioch/041/	Serum
6.	Determination of amount-of-substance concentration of parathormone by ECLIA method [S Parathormone]	SOP/A-Bioch/046/	Serum
7.	Determination of mass concentration of carcinoembryonal antigen by ECLIA method [S CEA]	SOP/A-Bioch/044/	Serum
8.	Determination of arbitrary amount-of-substance concentration of human chorionic gonadotropin by ECLIA method [S beta-HCG]	SOP/A-Bioch/047/	Serum
818 - Haematology Laboratory			
1.	Determination of blood count parameters in peripheral blood using SYSMEX XE -5000, SYSMEX XT-2000i [NK BLOOD COUNT WBC - Leucocytes, RBC - Erythrocytes, HBG - Haemoglobin, HCT - Haematocrit, PLT - Thrombocytes, MPV - Mean Plat.Vol., MCV - Mean Cor.Vol., MCH - Mean Cor.Hgb. MCHC - Mean Cor.Hgb.Conc. RDW - Red Cell Distr.Width PDW - PLT Distr. Width]	SOP/A-Hem/004/	Peripheral incoagulable blood

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Ordinal number	Examination procedure name	Examination procedure identification	Examined object
2.	Hemocoagulation optical determination of activated partial thromboplastin time of plasma on ACL TOP [P: APTT - patient time, APTT - control time, APTT - Ratio (R)]	SOP/A-Hem/002/	Citrate plasma
3.	Hemocoagulation optical determination of prothrombin time of plasma according to Quick on ACL TOP [P: PT - patient time, PT - control time, PT - ratio, PT - INR]	SOP/A-Hem/003/	Citrate plasma
4.	Enumeration of reticulocytes in peripheral blood on the automatic analyzer Sysmex XE-5000 and XT2000i [NK RETICUL.REL.COUNT, NK RETICUL.ABS.COUNT]	SOP/A-Hem/007/	Peripheral incoagulable blood
5.	Determination of five-part differential leukocyte count in peripheral blood on the automatic analyzer Sysmex XE-5000 and XT-2000i [NK DIF.LEUKO MACHINE Neutrophils, Neutrophils absol, Lymphocytes, Lymphocytes absol, Monocytes, Monocytes absol, Eosinophils, Eosinophils absol, Basophils, Basophils absol]	SOP/A-Hem/012/	Peripheral incoagulable blood

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Ordinal number	Examination procedure name	Examination procedure identification	Examined object
6.	Determination of differential leukocyte count in peripheral blood smear by manual microscopic method (after manual or automatic smearing and staining of the specimen) and on the DM 1200 analyzer [NK DIF.LEUKO MICROS]	SOP/A-Hem/013/	Peripheral incoagulable blood
7.	Hemocoagulation determination of fibrinogen in plasma by Clauss method on ACL TOP [Fibrinogen]	SOP/A-Hem/001/	Citrate plasma
8.	Determination of antithrombin activity in plasma by chromogenic method on ACL TOP [P Antithrombin]	SOP/A-Hem/005/	Citrate plasma
9.	Hemocoagulation determination of factor VIII activity in plasma by coagulation method on ACL TOP [P Factor VIII]	SOP/A-Hem/008/	Citrate plasma
10.	Immunoturbidimetric determination of D-dimer concentration in plasma on ACL TOP [P D-dimers]	SOP/A-Hem/ 009/	Citrate plasma
11.	Chromogenic determination of anti-Xa in plasma on ACL TOP [P Anti-Xa]	SOP/A-Hem/006/	Citrate plasma

Names in parentheses [ ] are the names of examinations shown in the reports.

Primary sampling:

Ordinal number	Primary sampling procedure name	Primary sampling procedure identification	Primary sample
1.	Central sampling of biological material at the ÚCL (Central Laboratories)	SOP/DK/022/	Venous and capillary blood

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