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. **551/2020**

Zdravotní ústav se sídlem v Ostravě
with registered office Partyzánské náměstí 2633/7, Moravská Ostrava, 702 00 Ostrava,
Company Registration No. 71009396

to the Medical laboratory No. **8014**
Centre of Clinical Laboratories

Scope of accreditation:

Examination of clinical material, including hospital environment samples and laboratory diagnostics in the field of medical microbiology, cytogenetics, allergology and clinical immunology; collection of primary samples and samples from healthcare facilities 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.: 525/2019 of 11. 10. 2019, or any administrative acts building upon it.

The Certificate of Accreditation is valid until: **6. 5. 2024**

Prague: 10. 9. 2020

Český institut pro akreditaci, o.p.s.
NÁRODNÍ AKREDITAČNÍ ORGÁN
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Jiří Růžička
Director
Czech Accreditation Institute
Public Service Company

The Appendix is an integral part of
Certificate of Accreditation No. 551/2020 of 10/09/2020

Accredited entity according to ČSN EN ISO 15189:2013:

Zdravotní ústav se sídlem v Ostravě
Centre of Clinical Laboratories
Partyzánské náměstí 2633/7, Moravská Ostrava, 702 00 Ostrava

Medical laboratory locations:

1	**Location 1**	Partyzánské náměstí 2633/7, Moravská Ostrava, 702 00 Ostrava
2	**Location 2**	Gorkého 56/6, 602 00 Brno

The Laboratory has a flexible scope of accreditation permitted as detailed in the Annex. Updated list of activities provided within the flexible scope of accreditation is available in the laboratory from the CCL Manager.

Examinations:

Ordinal number	Examination procedure name	Examination procedure identification	Examined object
802 - Medical microbiology			
1.(1)	Detection of viruses by isolation in tissue (cell) cultures [ISOLATION in CV-1, 2 transfers, ISOLATION in DLEP, 2 transfers, ISOLATION in MDCK, 2 transfers]	SOP 1100	Nasopharyngeal swab, conjunctival smear, cerebrospinal fluid, blood, urine, stool, punctate, exudate, aspirate, exudate, bioptic and section material, amniotic fluid, cervical smear, urethral smear, ejaculate, laryngeal swab, BAL, urogenital tract swab
2.(1)	Detection of viruses by isolation experiment on suckling mice, intracerebral inoculation [Isolation on suckling mice and cer., 2 p.]	SOP 1120	Nasopharyngeal swab, conjunctival smear, cerebrospinal fluid, blood, urine, stool, punctate, exudate, aspirate, exudate, bioptic and section material, amniotic fluid, cervical smear, urethral smear, ejaculate, laryngeal swab, BAL, urogenital tract swab, tick suspension
3.(1)	Detection of viruses by transmission electron microscopy by negative staining method [ELECTRON MICROSCOPY]	SOP 1111	Nasopharyngeal swab, conjunctival smear, cerebrospinal fluid, blood, urine, stool, punctate, exudate, aspirate, exudate, bioptic and section material, amniotic fluid, cervical smear, urethral smear, ejaculate, laryngeal swab, BAL, urogenital tract swab, virus isolate
4.(1)	Detection of rotavirus antigen by EIA method [Rotaviruses (antigen) ELISA]	SOP 1121	Stool
5.(1)	Detection of norovirus antigen by EIA method [Noroviruses (antigen) ELISA]	SOP 1122	Stool

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Ordinal number	Examination procedure name	Examination procedure identification	Examined object
6.(1)	Detection of adenovirus antigen by EIA method [Adenoviruses (antigen) ELISA]	SOP 1123	Stool
7.(1)	Detection of astrovirus antigen by EIA method [Astroviruses (antigen) ELISA]	SOP 1124	Stool
8.(1)	Determination of anti-HIV-1+2 antibodies and detection of p24 HIV antigen by ELFA method [anti-HIV 1,2 + Ag p24, ELFA]	SOP 1152	Serum, plasma
9.(1)	Determination of anti-HIV-1+2 antibodies and detection of p24 HIV antigen by CMIA method [anti-HIV 1,2 + Ag p24, CMIA]	SOP 1153	Serum, plasma
10.(1)	Determination of antibodies - block of respiratory agents (anti-influenza viruses A, B, anti-parainfluenza viruses, anti-adenoviruses, anti-RS-virus and anti-*Mycoplasma pneumoniae*) by KFR method [anti-INFLUENZA A v. KFR, anti-INFLUENZA B v. KFR, anti-PARAINFLUENZA v. KFR, anti-ADENOVIRY KFR, anti-RS virus KFR, anti-MYCOPL. PNEUMONIAE KFR]	SOP 1301	Serum
11.(1)	Determination of anti-*Herpes simplex* virus (HSV) antibodies by KFR method [anti-Herpes simplex v. KFR]	SOP 1311	Serum, cerebrospinal fluid
12.(1)	Determination of anti-Cytomegalovirus (CMV) antibodies by KFR method [anti-Cytomegalovirus KFR]	SOP 1312	Serum, cerebrospinal fluid
13.(1)	Determination of anti-*Varicella-zoster* virus (VZV) antibodies by KFR method [anti-Varicella-zoster v. KFR]	SOP 1313	Serum, cerebrospinal fluid
14.(1)	Determination of anti-Morbilli v. antibodies by KFR method [anti-Morbilli v. KFR]	SOP 1314	Serum, cerebrospinal fluid
15.(1)	Determination of anti-Parotitis v. antibodies by KFR method [anti-Parotitis v. KFR]	SOP 1316	Serum, cerebrospinal fluid

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Ordinal number	Examination procedure name	Examination procedure identification	Examined object
16.(1)	Determination of anti-Tick-borne encephalitis virus (TBE) by KFR method [anti-Tick-borne encephalitis v. KFR]	SOP 1331	Serum, cerebrospinal fluid
17.(1)	Determination of anti-Japanese B encephalitis v. (JBE) by KFR method [anti-Japan B enc. JaGAr v. KFR, anti-Japan B enc. Nakayama v. KFR]	SOP 1332	Serum, cerebrospinal fluid
18.(1)	Determination of anti-Chikungunya v. antibodies (CHIK) by KFR method [anti-Chikungunya v. KFR]	SOP 1334	Serum, cerebrospinal fluid
19.(1)	Determination of anti-Coxsackie B1-6 virus antibodies by VNT method [anti-Coxackie v. type B1 VNT, anti-Coxackie v. type B2 VNT, anti-Coxackie v. type B3 VNT, anti-Coxackie v. type B4 VNT, anti-Coxackie v. type B5 VNT, anti-Coxackie v. type B6 VNT]	SOP 1401	Serum, cerebrospinal fluid
20.(1)	Determination of anti-Tick-borne encephalitis virus (TBE) antibodies by VNT method [anti-Tick-borne encephalitis v. VNT]	SOP 1431	Serum, cerebrospinal fluid
21.(1)	Determination of anti-Cytomegalovirus (CMV) IgG, IgM, IgA antibodies by EIA method [anti-CMV/IgG ELISA, anti-CMV/IgM ELISA, anti-CMV/IgA ELISA]	SOP 1501	Serum, plasma
22.(1)	Determination of anti-Cytomegalovirus (CMV) IgG antibodies - avidity (%) by EIA method [anti-CMV/IgG ELISA -avidity (%)]	SOP 1502	Serum, plasma

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Ordinal number	Examination procedure name	Examination procedure identification	Examined object
23.(1)	Determination of anti-*Herpes-simplex*-virus 1,2 (HSV 1,2) IgG, IgM, IgA antibodies by EIA method [anti-HSV 1,2 / IgG ELISA, anti-HSV 1,2 / IgM ELISA, anti-HSV 1,2 / IgA ELISA]	SOP 1503	Serum, plasma
24.(1)	Determination of anti-EBV-EBNA-1 (nuclear antigen-1) IgG, IgM antibodies by EIA method [anti-EBV:EBNA-1/IgG ELISA, anti-EBV:EBNA-1/IgM ELISA]	SOP 1507	Serum, plasma
25.(1)	Determination of anti-EBV-VCA (viral capsid antigen) IgG, IgM antibodies by EIA method [anti-EBV:VCA/IgG ELISA, anti-EBV:VCA/IgM ELISA]	SOP 1509	Serum, plasma
26.(1)	Determination of anti-EBV-VCA (viral capsid antigen) IgG antibodies - avidity (%) by EIA method [anti-EBV:VCA/IgG ELISA - avidity (%)]	SOP 1510	Serum, plasma
27.(1)	Determination of anti-EBV-EA (early antigen) IgG, IgM antibodies by EIA method [anti-EBV:EA/IgG ELISA, anti-EBV:EA/IgM ELISA]	SOP 1511	Serum, plasma
28.(1)	Determination of anti-*Varicella-zoster* virus (VZV) IgG, IgM, IgA antibodies by EIA method [anti-VZV. /IgG ELISA, anti-VZV./IgM ELISA, anti-VZV./IgA ELISA]	SOP 1515	Serum
29.(1)	Determination of anti-*Varicella-zoster* virus (VZV) IgG antibodies - avidity by EIA method [anti-VZV/IgG ELISA-avidity]	SOP 1516	Serum
30.(1)	Determination of anti-*Herpes hominis* v. type 6 (HHV6) IgG, IgM antibodies by EIA method [anti-Herp. hom. v. 6 (HHV-6)/IgG ELISA, anti-Herp. hom. v. 6 (HHV-6)/IgM ELISA]	SOP 1519	Serum

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Ordinal number	Examination procedure name	Examination procedure identification	Examined object
31.(1)	Determination of anti-Morbilli virus IgG, IgM antibodies by EIA method [anti-Morbilli v./IgG ELISA, anti-Morbilli v./IgM ELISA]	SOP 1521	Serum, plasma, CSF
32.(1)	Determination of anti-Rubeola virus IgG, IgM antibodies by EIA method [anti-Rubeola v./IgG ELISA, anti-Rubeola v./IgM ELISA]	SOP 1523	Serum, plasma, CSF
33.(1)	Determination of anti-Rubeola virus IgG antibodies – avidity (%) by EIA method [anti-Rubeola v./IgG ELISA-avidity (%)]	SOP 1524	Serum, plasma, CSF
34.(1)	Determination of anti-Parvovirus type B-19 IgG, IgM antibodies by EIA method [anti-Parvovirus B19/IgG ELISA, anti-Parvovirus B19/IgM ELISA]	SOP 1526	Serum, plasma
35.(1)	Determination of anti-Parotitis virus IgG, IgM, IgA antibodies by EIA method [anti-Parotitis v./IgG ELISA, anti-Parotitis v./IgM ELISA, anti-Parotitis v./IgA ELISA]	SOP 1528	Serum, plasma, CSF
36.(1)	Determination of anti-Enterovirus IgG, IgM, IgA antibodies by EIA method [anti-Enterovirus/IgG ELISA, anti-Enterovirus/IgM ELISA, anti-Enterovirus/IgA ELISA]	SOP 1531	Serum, plasma
37.(1)	Determination of anti-Tick-borne encephalitis virus (TBE) total antibodies by competitive EIA method [anti-Tick-borne encephalitis v./Ig ELISA-Compet.]	SOP 1534	Serum, cerebrospinal fluid
38.(1)	Determination of anti-Tick-borne encephalitis virus (TBE) antibodies by capture EIA method [anti-Tick-borne encephalitis v./IgM ELISA-capt.]	SOP 1535	Serum, cerebrospinal fluid

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Ordinal number	Examination procedure name	Examination procedure identification	Examined object
39.(1)	Determination of anti-Dengue virus (DEN) IgG, IgM antibodies by EIA method [anti-Dengue virus/IgG ELISA, anti-Dengue virus/IgM ELISA]	SOP 1536	Serum
40.(1)	Determination of anti-Tick-borne encephalitis virus (TBEV) IgG, IgM antibodies and IgG avidity by EIA method [anti-Tick-borne encephalitis v./IgG ELISA, anti-Tick-borne encephalitis v./IgG avidity, anti-Tick-borne encephalitis v./IgM ELISA]	SOP 1537	Serum, plasma
41.(1)	Determination of anti-Hantavirus IgG, IgM antibodies by EIA method [anti-Hanta v. (PUU,DOB,HTN) /IgG ELISA, anti- Hanta v. (PUU,DOB,HTN) /IgM ELISA]	SOP 1544	Serum
42.(1)	Determination of anti-Zika virus (ZKV) IgG, IgM antibodies by EIA method [anti-Zika v. /IgG ELISA, anti-Zika v./IgM ELISA]	SOP 1545	Serum, plasma
43.(1)	Determination of anti-Zika virus (ZKV) antibodies by VNT method [anti-Zika v. VNT]	SOP 1546	Serum, plasma
44.(1)	Determination of anti-West Nile virus (WNV) IgG, IgM antibodies by EIA method [anti-West Nile v./IgG ELISA, anti-West Nile v./ IgM ELISA]	SOP 1547	Serum, plasma

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Ordinal number	Examination procedure name	Examination procedure identification	Examined object
45.(1)	Determination of anti-arboviral antibodies by NIF method [anti-Yellow Fever v./ IgG IF, anti-Yellow Fever v./ IgM IF, anti-Japanese encephalitis v./ IgG IF, anti-Japanese encephalitis v./ IgM IF, anti-Toscana v./ IgG IF, anti- Toscana v./ IgM IF, anti-Naples v./ IgG IF, anti- Naples v./ IgM IF, anti-Sicilian v./ IgG IF, anti- Sicilian v./ IgM IF, anti-Cyprus v./ IgG IF, anti- Cyprus v./ IgM IF, anti- Chikungunya v./ IgG IF, anti- Chikungunya v./ IgM IF, anti-West Nile v. / IgG IF anti-West Nile v. / IgM IF]	SOP 1548	Serum, plasma
46.(1)	Determination of anti-West Nile virus (WNV) antibodies by VNT method [anti-West Nile v. VNT]	SOP 1549	Serum, plasma, CSF
47.(1)	Determination of anti-arboviral antibodies by VNT method [anti-Yellow Fever v./VNT, anti-Usutu v./VNT, anti-Sindbis v./VNT, anti-Tahyna v./VNT, anti-Toscana v./VNT, anti-Chikungunya v./VNT]	SOP 1550	Serum, plasma, CSF
48.(1)	Determination of anti-*Mycoplasma pneumoniae* IgG, IgM, IgA antibodies by EIA method [anti-Mycopl.pneumoniae /IgG ELISA, anti-Mycopl.pneumoniae /IgM ELISA, anti-Mycopl. pneumoniae /IgA ELISA]	SOP 1601	Serum
49.(1)	Determination of anti-Influenza A IgG, IgM, IgA antibodies by EIA method [anti-Influenza A v./IgG ELISA, anti-Influenza A v./IgM ELISA, anti-Influenza A v./IgA ELISA]	SOP 1612	Serum

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Ordinal number	Examination procedure name	Examination procedure identification	Examined object
50.(1)	Determination of anti-Influenza B IgG, IgM, IgA antibodies by EIA method [anti-Influenza B v./IgG ELISA, anti-Influenza B v./IgM ELISA, anti-Influenza B v./IgA ELISA]	SOP 1613	Serum
51.(1)	Determination of anti-Parainfluenza IgG, IgM, IgA antibodies by EIA method [anti-Parainfluenza v./IgG ELISA, anti-Parainfluenza v./IgM ELISA, anti-Parainfluenza v./IgA ELISA]	SOP 1614	Serum
52.(1)	Determination of anti-Adenovirus IgG, IgM, IgA antibodies by EIA method [anti-Adenovirus /IgG ELISA, anti-Adenovirus /IgM ELISA, anti-Adenovirus /IgA ELISA]	SOP 1615	Serum
53.(1)	Determination of anti-RSV IgG, IgM, IgA antibodies by EIA method [anti-RS virus /IgG ELISA, anti-RS virus /IgM ELISA, anti-RS virus/IgA ELISA]	SOP 1616	Serum
54.(1)	Detection of Dengue virus NS-1 antigen by EIA method [Dengue v. NS-1 antigen ELISA]	SOP 1802	Serum, plasma
55.(1)	Determination of anti-Hantavirus IgG, IgM antibodies by IB method [anti-Hanta v. (PUU,DOB,HTN) /IgG IB, anti-Hanta v. (PUU,DOB,HTN) /IgM IB]	SOP 1807	Serum, plasma
56.(1)	Determination of anti-*Coxiella burnetii* (Q-fever) IgG, IgM antibodies by NIF method [anti-Coxiella burnetii phase I (Q-fev.)/IgG IF, anti-Coxiella burnetii phase I (Q-fev.)/IgM IF, anti-Coxiella burnetii phase II (Q-fev.)/IgG IF, anti-Coxiella burnetii phase II (Q-fev.)/IgM IF]	SOP 1808	Serum

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Ordinal number	Examination procedure name	Examination procedure identification	Examined object
57.(1)	Determination of anti - Rickettsia IgM, IgG antibodies by NIF method [anti-Rickettsia conorii/IgG IF, anti-Rickettsia conorii/IgM IF, anti-Rickettsia rickettsii/IgG IF, anti-Rickettsia rickettsii/IgM IF, anti-Rickettsia typhi/IgG IF, anti-Rickettsia typhi/IgM IF]	SOP 1827	Serum, plasma
58.(1)	Determination of anti-SARS-CoV-2 antibodies by VNT method [anti-SARS-CoV-2, VNT]	SOP 1551	Serum, plasma
59.(1)	Determination of anti-SARS-CoV-2 IgG, IgM, IgA antibodies by EIA method [anti-SARS-CoV-2 /IgG ELISA, anti-SARS-CoV-2./IgM ELISA, anti-SARS-CoV-2 /IgA ELISA]	SOP 1552	Serum, plasma
60.-100	Reserved		
101.(1,2)	Examination of clinical material and bacterial isolate by microscopic method	SOP 2001	Pus, punctate, exudate, aspirate, cerebrospinal fluid, urine, wound smear, skin smear, conjunctival smear, ear smear, swabs and smears of fistulae, abscesses, exudate, intratracheal punctate, bioptic and section material, stomach mucosa, amniotic fluid, dialyzate, vaginal smear - MOP, cervix, urethra, ejaculate), haemoculture, sputum, bacterial isolate
102.(1,2)	Basic microbiological examination of stool by culture method	SOP 2002	Rectal swab
103.(1,2)	Basic microbiological examination of clinical material by microscopic and culture method	SOP 2003	Pus, puncture, exudate, aspirate, smear from wound, skin, conjunctiva, ear, swabs and smears from fistulas and drains, biopsy and section material, amniotic fluid, ejaculate, lavage, IUD, bone marrow,
104.(1)	Basic microbiological examination of cerebrospinal fluid by microscopic and culture method	SOP 2004	CSF

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Ordinal number	Examination procedure name	Examination procedure identification	Examined object
105.(1)	Basic microbiological examination of blood samples, sterile body fluids and solid clinical samples using an automatic system	SOP 2005	Blood, other primarily sterile body fluid, solid clinical sample
106.(2)	Basic microbiological examination of haemoculture by microscopic and culture method	SOP 2005.01	Blood
107.(1,2)	Determination of anaerobes and microaerophilic bacteria by culture method	SOP 2006	Pus, punctate, exudate, aspirate, wound smear, skin smear, conjunctival smear, ear smear, swabs and smears of fistulae, bioptic and section material, amniotic fluid, dialyzate, ejaculate, blood, laryngeal swab, nasal swab, nasopharyngeal swab, tonsillar smear, sputum, BAL, aspirate, urogenital tract swab, stool, rectal swab, urine, stomach content
108.(1,2)	Basic microbiological examination of urine by microscopic and culture method (semiquantitative and quantitative)	SOP 2007	Urine, catheterized urine
109.(1,2)	Basic microbiological examination of material from upper respiratory tract by culture	SOP 2008	Laryngeal swab, nasal swab, nasopharyngeal swab, tonsillar smear
110.(1,2)	Basic microbiological examination of material from lower respiratory tract by microscopic and culture method	SOP 2009	Sputum, BAL, aspirate
111.(1,2)	Basic microbiological examination of urogenital tract smear by microscopic and culture method	SOP 2010	Urogenital tract swab, wet preparation of secretion from vagina, vulva, cervix and urethra
112.(1)	Detection of GO in clinical material by microscopic and culture method and using phenotyping (biochemical) methods	SOP 2011	Urogenital tract, PID, DGI, rectum, pharynx, tonsils, conjunctiva
113.(1,2)	Identification of fermenting gram negative rods. by phenotyping (biochemical) methods	SOP 2012	Bacterial isolate
114.(1,2)	Identification of non-fermenting gram negative rods. by phenotyping (biochemical) methods	SOP 2013	Bacterial isolate

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Ordinal number	Examination procedure name	Examination procedure identification	Examined object
115.(1,2)	Identification of staphylococci by phenotyping (biochemical and agglutination) methods	SOP 2014	Bacterial isolate
116.(1,2)	Identification of enterococci by phenotyping (biochemical and agglutination) methods	SOP 2015	Bacterial isolate
117.(1,2)	Identification of streptococci by phenotyping (biochemical and agglutination) methods	SOP 2016	Bacterial isolate
118.(1,2)	Identification of coryneform and other aerobic gram positive rods and gardnerells by culture and microscopic method and other phenotyping (biochemical) methods	SOP 2017	Bacterial isolate
119.(1,2)	Identification of gram negative cocci and coccobacilli by phenotyping (biochemical and agglutination) methods	SOP 2018	Bacterial isolate
120.(1,2)	Identification of haemophilus by culture and phenotyping (biochemical and agglutination) methods	SOP 2019	Bacterial isolate
121.(1,2)	Identification of anaerobes by microscopic and phenotyping (biochemical and agglutination) methods	SOP 2020	Bacterial isolate
122.(1,2)	Identification of campylobacter by microscopic, culture and phenotyping (biochemical) methods	SOP 2021	Bacterial isolate
123.(1,2)	Detection of urogenital mycoplasma *M. hominis* and *U. urealyticum* by the determination of biochemical activity	SOP 2022	Urogenital tract swab, ejaculate, urine
124.(1)	Detection of *Clostridium difficile* by EIA method	SOP 2023	Stool
125.(1)	Direct identification of bacterial antigen in cerebrospinal fluid and urine by agglutination and immunochromatographic method	SOP 2024	CSF, urine
126.(1,2)	Identification of fermenting gram negative rods by agglutination methods	SOP 2027	Bacterial isolate

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Ordinal number	Examination procedure name	Examination procedure identification	Examined object
127.(1)	Detection of bacterial toxins of *Staphylococcus aureus, Clostridium perfringens* and *Bacillus cereus* by reverse passive latex agglutination method	SOP 2028	Bacterial isolate, bouillon culture of strain, stool, eatables
128.(1)	Detection of *Clostridium difficile* toxins and GDH by immunochromatographic method	SOP 2030	Stool, bacterial isolate
129.(1,2)	Identification of microorganisms by MALDI-TOF mass spectrometry method	SOP 2031	Bacterial and mycobacterial isolate, isolate of yeasts and moulds, positive haemoculture
130. (1)	Examination of the sterility of microbial vaccines by culture method	SOP 2100	Bacterial suspension, suspension of yeasts, finished vaccines
131.-150.	Reserved		
151.(1,2)	Examination of sensitivity to antimicrobial drugs by disk diffusion method	SOP 3001	Bacterial isolate
152.(1,2)	Examination of sensitivity to antimicrobial drugs by defined antibiotic gradient	SOP 3002	Bacterial isolate
153.(1,2)	Detection of betalactamase production by phenotyping (biochemical) methods and culture method	SOP 3003	Bacterial isolate
154.(1,2)	Search methods for the determination of microorganism resistance to antimicrobial drugs - culture, latex agglutination (MRSA, GISA, GRSA, VRE)	SOP 3004	Bacterial isolate
155.(1)	Examination of sensitivity to antimicrobial drugs by microdilution method (MIC)	SOP 3005	Bacterial isolate
156.(1)	Detection of resistance mechanisms of microorganisms by MALDI-TOF mass spectrometry method	SOP 3007	Bacterial isolate
157-165.	Reserved		
166.(1)	Examination of cannulas, catheters, drains and other foreign or implanted materials by culture method	SOP 3020	Vascular cannula, catheter, drain, sputum-suction catheter, implant, gauze or other foreign materials used for patients

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Ordinal number	Examination procedure name	Examination procedure identification	Examined object
167.(1)	Semiquantitative examination of i.v. catheters by Maki culture method	SOP 3021	I.V. catheter tip, cannula
168.(1)	Semiquantitative examination of imprints from the surfaces of wounds and burns by culture method	SOP 3022	Imprints from the surfaces of wounds and burns on solid culture media
169.(1,2)	Check of environmental contamination in healthcare facilities and related areas by culture method - qualitative determination in Clausen medium	SOP 3023	Smears from areas, objects and surfaces, smear from the injection site
170.(1,2)	Check of environmental contamination in healthcare facilities and related areas by culture method – semiquantitative determination by imprint in solid soil or settling plate method	SOP 3024	Direct imprint of hands, working clothes, bed sheets, objects, etc. on blood agar, indirect imprint using sterile filtration paper, settling plate
171.(1)	Basic microbiological examination for the control of microbial contamination of transfusion preparations and stem cells using an automatic system	SOP 3025	Transfusion preparation, stem cells
172.(2)	Check of contamination of healthcare facility environment by culture method - semiquantitative determination	SOP 3026	Smears from areas, objects and surfaces in healthcare facilities
173.(1)	Check of microbial contamination of liquid samples by culture method	SOP 3027	Breast milk, dialyzate, peritoneal solution, contact lens solution and other potentially infectious fluids
174. – 180.	Reserved		
181.(1)	Detection of mycobacteria in clinical sample by fluorescence microscopy [ART]	SOP 4002	Sputum, BAL, BRS, stool, pleural punctate, tissue, smears of fistulae, suppurative processes and wounds, cerebrospinal fluid, exudate, blood, ASP, stomach content, lymph node

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Ordinal number	Examination procedure name	Examination procedure identification	Examined object
182.(1)	Detection of mycobacteria in clinical sample and verification of isolated cultures after staining acc. to Ziehl-Neelsen by microscopy	SOP 4003	Sputum, BAL, BRS, stool, pleural punctate, tissue, smears of fistulae, suppurative processes and wounds, cerebrospinal fluid, exudate, blood, ASP, stomach content, lymph node, mycobacterial isolate
183.(1)	Detection of mycobacteria in clinical sample by classical culture methods	SOP 4004	Sputum, LV, BAL, BRS, urine, stool, pleural punctate, tissue, smears of fistulae, suppurative processes and wounds, cerebrospinal fluid, exudate, blood, ASP, stomach content, lymph node
184.(1)	Detection of mycobacteria in clinical sample by metabolic methods	SOP 4005	Sputum, LV, BAL, BRS, urine, stool, pleural punctate, tissue, smears of fistulae, suppurative processes and wounds, cerebrospinal fluid, exudate, blood, ASP, stomach content, lymph node
185.(1)	Identification of mycobacterial species by culture, microscopic and phenotyping methods	SOP 4011	Mycobacterial isolate from primary cultures or subcultures
186.	Reserved		
187.(1)	Determination of mycobacteria sensitivity to antituberculosis drugs and chemotherapeutic drugs by in vitro minimum inhibitory concentrations (MIC) method in liquid medium by culture and additional qualitative examination of susceptibility to Pyrazinamide and Cycloserine.	SOP 4014	Mycobacterial isolate
188.-200.	Reserved		
201.(1)	Detection of *Pneumocystis jiroveci* by microscopic method	SOP 5007	BAL, sputum
202.(1)	Mycological examination of skin and skin adnexa by microscopic method	SOP 5008	Skin flakes, nails, hair, pus, pustulae content, animal hair
203.(1)	Mycological examination of skin and skin adnexa by culture method	SOP 5009	Skin flakes, nails, hair, pus, pustulae content, animal hair

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Ordinal number	Examination procedure name	Examination procedure identification	Examined object
204.(1)	Mycological examination of other clinical material by microscopic and culture method	SOP 5010	Sputum, BAL, aspirate, cerebrospinal fluid, tissue, pus, punctate, exudate, blood as a haemoculture, catheter, cannula, swabs: pharyngeal, nasopharyngeal, tonsillar, ear and eye, conjunctival, rectal, genitourinary tract, wound
205.(1)	Mycological examination of urine by microscopic and culture method	SOP 5011	Urine
206.(1,2)	Identification of yeasts by phenotyping (biochemical and agglutination) methods, culture and microscopic method and MALDI-TOF method	SOP 5012	Yeast isolate
207.(1)	Identification of hyphomycetes by microscopic and culture method	SOP 5013	Hyphomycetes isolate
208.(1)	Determination of sensitivity to ATM by qualitative method	SOP 5014	Yeast isolate, hyphomycetes isolate
209.(1)	Determination of sensitivity to ATM by quantitative method	SOP 5015	Yeast isolate, hyphomycetes isolate
210.(1)	Semiquantitative determination of galactomannan, *Aspergillus* antigen, by EIA method [galactomannan-Aspergillus]	SOP 5016	Serum, BAT
211.(1)	Semiquantitative determination of IgA, IgG and IgM antibodies against *Aspergillus fumigatus* by EIA method [Aspergillus fumigatus IgA, Aspergillus fumigatus IgG, Aspergillus fumigatus IgM]	SOP 5018	Serum, plasma
212.-230.	Reserved		
231.(1)	Determination of antibodies against *Toxoplasma gondii* by KFR method [Toxoplasma antibodies KFR]	SOP 6001	Serum, plasma, umbilical blood, amniotic fluid, cerebrospinal fluid, aqueous humour

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Ordinal number	Examination procedure name	Examination procedure identification	Examined object
232.(1)	Determination of IgA, IgE, IgG, IgM antibodies and determination of avidity of antibodies against *Toxoplasma gondii* by EIA method [Toxoplasma antibodies IgA ELISA, Toxoplasma antibodies IgG ELISA, Toxoplasma antibodies IgE ELISA, Toxoplasma antibodies IgM ELISA, Toxoplasma antibodies IgG avidity ELISA]	SOP 6002	Serum, plasma, umbilical blood, amniotic fluid, cerebrospinal fluid, aqueous humour
233.(1)	Determination of IgG and IgA antibodies and determination of avidity of antibodies against *Toxocara canis* by EIA method [Toxocara antibodies IgA ELISA, Toxocara antibodies IgG ELISA, Toxocara IgG avidity ELISA]	SOP 6005	Serum, plasma
234.(1)	Determination of IgG antibodies against separated *Toxocara* antigens by Westernblot method [Toxocara antibodies IgG blot]	SOP 6006	Serum, plasma
235.(1)	Determination of IgG and IgM antibodies against *Borrelia afzelii, Borrelia burgdorferi* and *Borrelia garinii* by EIA method [Borrelia recombinant antibodies IgG ELISA, Borrelia recombinant antibodies IgM ELISA]	SOP 6009	Serum, plasma, cerebrospinal fluid, synovial fluid
236.(1)	Determination of IgG and IgM antibodies against *Borrelia afzelii, Borrelia burgdorferi* and *Borrelia garinii* by Westernblot method [Borrelia recombinant antibodies IgG blot, Borrelia recombinant antibodies IgM blot]	SOP 6010	Serum, plasma, cerebrospinal fluid, synovial fluid

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Ordinal number	Examination procedure name	Examination procedure identification	Examined object
237.(1)	Determination of antileptospira antibodies by microscopic agglutination test method [Leptospira antibodies agglutination-lysis]	SOP 6014	Serum, plasma
238.(1)	Determination of IgG, IgM antibodies against *Anaplasma phagocytophilum* by indirect immunofluorescence method [Anaplasma antibodies IgG IF Anaplasma antibodies IgM IF]	SOP 6018	Serum, plasma
239.(1)	Determination of IgG, IgM antibodies against *Bartonella henselae* by indirect immunofluorescence method [Bartonella antibodies IgG IF, Bartonella antibodies IgM IF]	SOP 6020	Serum
240.(1)	Parasitological examination of stool by Kato method	SOP 6022	Stool
241.(1)	Parasitological examination of stool by Faust flotation method	SOP 6023	Stool
242.(1)	Parasitological examination of stool by Formalin-ether sedimentation method	SOP 6024	Stool
243.(1)	Parasitological examination of stool by Milacek staining method	SOP 6025	Stool
244.(1)	Parasitological examination of stool - haematoxylin and Gomori trichrom stained preparate	SOP 6026	Stool
245.(1)	Parasitological examination of clinical material - wet preparation	SOP 6027	Stool, urine, sputum, biopsy, duodenal juice, punctate, worms or their parts
246.(1)	Parasitological examination for enterobiosis - microscopic detection by Graham method [Perianal sample collection – pinworm, some tapeworms]	SOP 6028	Perianal imprint
247.(1)	Examination of blood for malaria by microscopic method [Examination for blood parasites]	SOP 6031	Blood

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Ordinal number	Examination procedure name	Examination procedure identification	Examined object
248.(1)	Detection of *Trichomonas vaginalis* by culture method [Trichomonas vaginalis culture]	SOP 6032	Vaginal secretion, urethral secretion
249.(1)	Detection of *Trichomonas vaginalis* by microscopic method and determination of MOP [MOP]	SOP 6033	Vaginal secretion
250.-260.	Reserved		
261.(1)	Determination of anti-*Chlamydia* (species specific) IgG, IgM, IgA antibodies by EIA method [Chlamydia sp. antibodies IgA, Chlamydia sp. antibodies IgG, Chlamydia sp. antibodies IgM]	SOP 6050	Serum
262.(1)	Determination of anti-*Chlamydophila pneumoniae* IgG, IgM, IgA antibodies by EIA method [Ch. pneumoniae antibodies IgA ELISA, Ch. pneumoniae antibodies IgG ELISA, Ch. pneumoniae antibodies IgM ELISA]	SOP 6051	Serum
263.(1)	Determination of anti-*Chlamydophila pneumoniae* IgG, IgM, IgA antibodies by Immunoblot method [Ch. pneumoniae antibodies IgA blot, Ch. pneumoniae antibodies IgG blot, Ch. pneumoniae antibodies IgM blot]	SOP 6052	Serum
264.(1)	Determination of anti-*Chlamydia trachomatis* IgG, IgM, IgA antibodies by EIA method [Ch. trachomatis antibodies IgA ELISA, Ch. trachomatis antibodies IgG ELISA, Ch. trachomatis antibodies IgM ELISA]	SOP 6053	Serum

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Ordinal number	Examination procedure name	Examination procedure identification	Examined object
265.(1)	Determination of anti-*Chlamydia trachomatis* IgG, IgA antibodies by Immunoblot method [Ch. trachomatis antibodies IgA blot, Ch. trachomatis antibodies IgG blot]	SOP 6054	Serum
266.(1)	Determination of anti-*Chlamydia psittaci* IgG, IgM, IgA antibodies by IF method [Ch. psittaci antibodies IgA IF, Ch. psittaci antibodies IgG IF Ch. psittaci antibodies IgM IF]	SOP 6055	Serum
267.-300.	Reserved		
301.(1)	Determination of HBV DNA by real- time PCR method [HBV DNA (PCR)]	SOP 8101	Serum, plasma
302.(1)	Determination of mutations and nucleotide polymorphisms of HBV polymerase gene related to resistance to antiviral drugs by PCR method [HBV drug resistance: Resistance to lamivudine, Resistance to adefovir, Resistance to telbivudine, Resistance to entricitabine, Resistance to entecavir, Resistance to tenofovir]	SOP 8104	Serum, plasma
303.(1)	Determination of RNA HCV by real-time PCR method [HCV RNA (PCR)]	SOP 8121	Serum, plasma
304.-310.	Reserved		
311.(1)	Determination of CMV DNA by real-time PCR method [CMV DNA (PCR)]	SOP 8201	Plasma, cerebrospinal fluid, urine and other body fluids, bioptic material, smear, swab
312.(1)	Determination of HSV 1/2 DNA by real-time PCR method [HSV1 DNA (PCR), HSV2 DNA (PCR)]	SOP 8211	Plasma, cerebrospinal fluid, urine and other body fluids, bioptic material, smear, swab
313.(1)	Determination of EBV DNA by real-time PCR method [EBV DNA (PCR)]	SOP 8221	Plasma, cerebrospinal fluid, urine and other body fluids, bioptic material, smear, swab

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Ordinal number	Examination procedure name	Examination procedure identification	Examined object
314.(1)	Determination of VZV DNA by real-time PCR method [VZV DNA (PCR)]	SOP 8231	Plasma, cerebrospinal fluid, urine and other body fluids, bioptic material, smear, swab
315.(1)	Determination of HHV6 DNA by real-time PCR method [HHV6 DNA (PCR)]	SOP 8241	Plasma, cerebrospinal fluid, urine and other body fluids, bioptic material, smear, swab
316.-320.	Reserved		
321.(1)	Determination of RNA TBEV by real-time PCR method [Tick-borne.enc.v. RNA (PCR)]	SOP 8311	Plasma, serum, cerebrospinal fluid, tick (*Ixodes ricinus*)
322.(1)	Determination of RNA Influenza A, B by real-time PCR method [Influenza A RNA (PCR), Influenza B (PCR)]	SOP 8341	Swab, BAL, sputum, bioptic material
323.(1)	Subtyping Influenza A by real-time PCR method [Influenza A RNA subtyping (PCR)]	SOP 8345	Swab, BAL, sputum, bioptic material
324.(1)	Determination of West Nile virus RNA by real-time PCR [West Nile virus RNA (PCR)]	SOP 8351	Serum, plasma, whole blood, urine, cerebrospinal fluid and other body fluids
325.(1)	Determination of RNA of Flaviviruses by real-time PCR [Flavivirus RNA (PCR)]	SOP 8355	Serum, plasma, whole blood, urine, cerebrospinal fluid and other body fluids
326.(1)	Identification of Flaviviruses by RNA sequencing method [Sequencing identification of flaviviruses]	SOP 8355	Serum, plasma, whole blood, urine, cerebrospinal fluid and other body fluids
327.(1)	Determination of Zika virus RNA by real-time PCR [Zika virus RNA (PCR)]	SOP 8360	Plasma, serum, urine, sperm, cerebrospinal fluid and other body fluids
328.(1)	Determination of RNA SARS-CoV-2 by real-time PCR method [Coronavirus SARS-CoV-2 RNA (PCR)]	SOP 8346	Nasopharyngeal swab, BAL, aspirate, cerebrospinal fluid
329.-340.	Reserved		
341.(1)	Determination of *Neisseria meningitidis* DNA by real-time PCR method [Neisseria meningitidis DNA (PCR)]	SOP 8401	Plasma, serum, cerebrospinal fluid and other body fluids

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Ordinal number	Examination procedure name	Examination procedure identification	Examined object
342.(1)	*Neisseria menigitidis* typing by PCR method [N. meningitidis DNA typing (PCR)]	SOP 8402	Plasma, serum, cerebrospinal fluid and other body fluids
343.(1)	Determination of *Streptococcus pneumoniae* DNA by real-time PCR method [Streptococcus pneumoniae DNA (PCR)]	SOP 8411	Plasma, serum, cerebrospinal fluid and other body fluids
344.(1)	Determination of *Haemophilus influenzae* DNA by real-time PCR method [Haemophilus influenzae DNA (PCR)]	SOP 8421	Plasma, serum, cerebrospinal fluid and other body fluids
345.(1)	Determination of *Listeria monocytogenes* DNA by real-time PCR method [Listeria monocytogenes DNA (PCR)]	SOP 8431	Plasma, serum, cerebrospinal fluid and other body fluids
346.(1)	Determination of *Legionella pneumophila* DNA by real-time PCR method [Legionella pneumophila DNA (PCR)]	SOP 8451	BAL, sputum, biopsy, culture
347.(1)	Determination of *Bordetella pertussis/parapertussis* DNA by real-time PCR method [Bordetella pertussis DNA (PCR), Bordetella parapertussis DNA (PCR)]	SOP 8454	Nasopharyngeal swab
348.(1)	Determination of *Borrelia burgdorferi* sensu lato *DNA by* real-time PCR method [Borrelia burgdorferi DNA (PCR)]	SOP 8461	Whole blood, plasma, cerebrospinal fluid, punctate and other body fluids, biopsy
349.-350.	Reserved		
351.(1)	Determination of *Chlamydia trachomatis* DNA by real-time PCR method [Chlamydia trachomatis DNA (PCR)]	SOP 8471	Urine, swab, punctate and other body fluids
352.(1)	Determination of *Neisseria gonorrhoeae* DNA by PCR method [Neisseria gonorrhoeae DNA (PCR)]	SOP 8472	Urine, swab

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Ordinal number	Examination procedure name	Examination procedure identification	Examined object
353.(1)	Detection of *Chlamydia trachomatis* DNA by hybrid capture method [Chlamydia trachomatis (DNA) GP-ampl.]	SOP 8481	Swab from cervix, men's urethra, conjunctiva
354.(1)	Detection of *Neisseria gonorrhoeae* DNA by hybrid capture method [Neisseria gonorrhoeae (DNA) GP-ampl.]	SOP 8482	Swab from cervix, men's urethra, conjunctiva
355.(1)	Detection of human papillomavirus DNA by hybrid capture method [Hum. Papillomavirus-LR (DNA) GP-ampl., Hum. Papillomavirus-HR (DNA) GP-ampl.]	SOP 8483	Cervical swab
356.-360.	Reserved		
361.(1)	Detection of *M. tuberculosis* complex DNA in clinical sample by PCR method [DNA M. tuberculosis complex (PCR)]	SOP 8501	Sputum, LV, BAL, BRS, urine, stool, pleural punctate, tissue, smears of fistulae, suppurative processes and wounds, cerebrospinal fluid, exudate, ASP, stomach content, lymph node
362.(1)	Molecular biology identification of mycobacterial species by reverse hybridisation PCR using GenoType® Mycobacterium CM, AS, MTBC test kit	SOP 8522	Mycobacterial strains from primary cultures or subcultures
363.-371.	Reserved		
372.(1)	Determination of total IgG and IgM antibodies against hepatitis A virus by CMIA method [anti-HAV IgG CMIA, anti-HAV IgM CMIA]	SOP 7021.01	Serum, plasma

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Ordinal number	Examination procedure name	Examination procedure identification	Examined object
373.(1)	Determination of hepatitis B virus antigens (HBsAg, HBeAg) and antibodies against hepatitis B virus antigens (anti-HBs, anti-HBe, anti-HBc, IgM anti-HBc) by CMIA method [HBsAg CMIA, HBeAg CMIA, anti-HBs CMIA, anti-HBe CMIA, anti-HBc CMIA, anti-HBc IgM CMIA]	SOP 7022.01	Serum, plasma
374.(1)	Determination of antibodies against hepatitis C virus antigen (anti-HCV) by CMIA method [anti-HCV CMIA]	SOP 7023.01	Serum, plasma
375.(1)	Determination of IgG and IgM antibodies against *Treponema pallidum* by EIA method [Ab-Treponema pallidum IgG, Ab-Treponema pallidum IgM]	SOP 7131	Serum, plasma
376.(1)	Determination of IgA and IgG antibodies against *Helicobacter pylori* by EIA method [Ab-Helicobacter pylori IgA, Ab-Helicobacter pylori IgG]	SOP 7136	Serum, plasma
377.(1)	Determination of *Legionella pneumophila* antigen in urine by EIA method [Ag-Legionella (urine)]	SOP 7141	Urine
378.(1)	Determination of IgG and IgA antibodies against *Campylobacter jejuni* by EIA method [Ab-Campylobacter jejuni IgG, Ab-Campylobacter jejuni IgA]	SOP 7142	Serum, plasma
379.(1)	Determination of IgG, IgA antibodies against pertussis toxin by EIA method [Ab-pertussis toxin IgG, Ab-pertussis toxin IgA]	SOP 7145	Serum, plasma
380.(1)	Determination of IgG, IgA antibodies against *Yersinia enterocolitica* by EIA method [Ab-Yersinia ent.IgG, Ab-Yersinia ent. IgA]	SOP 7147	Serum, plasma
381.(1)	Determination of IgG and IgM antibodies against hepatitis A virus by EIA method [anti-HAV IgG, anti-HAV IgM]	SOP 7181	Serum, plasma

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Ordinal number	Examination procedure name	Examination procedure identification	Examined object
382.(1)	Determination of hepatitis B virus antigens (HBsAg, HBeAg) and antibodies against hepatitis B virus antigens (anti-HBs, anti-HBe, anti-HBc, IgM anti-HBc) by EIA method [HBsAg , HBeAg, anti-HBs, anti-HBe, anti-HBc, anti-HBc IgM, HBsAg Detection confirmation test]	SOP 7182	Serum, plasma
383.(1)	Determination of antibodies against hepatitis C virus antigen (anti-HCV) by EIA method [anti-HCV]	SOP 7183	Serum, plasma
384.(1)	Determination of IgG and IgM antibodies against hepatitis E virus by EIA method [anti-HEV IgG, anti-HEV IgM]	SOP 7184	Serum, plasma
385.(1)	Determination of IgG, IgM antibodies against *Treponema pallidum* by Westernblot method [Ab-Treponema pallidum IgG (WB), Ab-Treponema pallidum IgM (WB)]	SOP 7261	Serum, plasma
386.(1)	Determination of non-specific antibodies against *Treponema pallidum* (RPR) by agglutination method [Rapid Precipitation Reaction (RPR)]	SOP 7300	Serum, plasma
387.(1)	Determination of specific antibodies against *Treponema pallidum* by agglutination method (TP-PA) [Ab-Treponema pallidum-TP-PA]	SOP 7301	Serum, plasma
388.-400.	Reserved		
813 - Allergology and Immunology Laboratory			
401.(1)	Determination of IgA, IgG, IgM, IgE, IgG1-IgG4 by nephelometric method [IgA, IgG, IgM, IgE, IgG1-IgG4]	SOP 7001	Serum, plasma

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Ordinal number	Examination procedure name	Examination procedure identification	Examined object
402.(1)	Determination of C3 complement component, C4 complement component, transferrin, alpha-1-antitrypsin, alpha-2-macroglobulin, prealbumin, orosomucoid, haptoglobin, ceruloplasmin, albumin by nephelometric method [C3 complement, C4 complement, Transferrin, Alpha-1 antitrypsin, Alpha-2 macroglobulin, Prealbumin, Orosomucoid, Haptoglobulin, Ceruloplasmin]	SOP 7002	Serum, plasma
403.(1)	Determination of rheumatoid factor (RF), C-reactive protein (CRP), anti-streptolysin O (ASLO) by nephelometric method [RF, C-reactive protein, Antistreptolysin O (ASLO)]	SOP 7007	Serum, plasma
404.-406.	Reserved		
407.(1)	Determination of specific IgE against individual allergens and allergen mixtures by EIA method [d1 - Dermatophagoides pteronyssinus (EIA), MX1 – Alternaria tenuis, Aspergillus fumigatus, Cladosporium herbarum, Penicillium notatum (EIA)]	SOP 7041	Serum, plasma
408.(1)	Examination of rheumatoid factors in IgG, IgA, IgM, antibodies against cyclic citrullinated peptide (CCP) and antibodies against mutated citrullinated vimentin (MCV) by EIA method [Rheumatoid factor IgG (ELISA), Rheumatoid factor IgA (ELISA), Rheumatoid factor IgM (ELISA), a-CCP, a-MCV]	SOP 7051	Serum, plasma

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Ordinal number	Examination procedure name	Examination procedure identification	Examined object
409.(1)	Determination of antinuclear antibodies (ANA/ENA) by EIA method [ENA/ANA screen (ELISA)]	SOP 7054	Serum, plasma
410.(1)	Determination of ds-DNA antibodies by EIA method [a-ds DNA (ELISA)]	SOP 7055	Serum, plasma
411.-412.	Reserved		
413.(1)	Determination of EIA autoantibodies (intrinsic factor, nucleosomes) [a-intrinsic factor (ELISA), a-nucleosomes (ELISA)]	SOP 7070	Serum, plasma
414.(1)	Determination of autoantibodies in DM 1T (antibodies against tyrosine phosphatase (IA2), glutamic acid decarboxylase (GAD)) by EIA method [a-IA2 (ELISA), a-GAD (ELISA)]	SOP 7073	Serum, plasma
415.(1)	Determination of autoantibodies in connection with coeliac disease (tissue transglutaminase IgA, IgG, deamidated gliadin peptides IgA, IgG) by EIA method [a-tTG IgA, a-tTG IgG, a-DGP (deamidated peptide) IgA, a-DGP (deamidated peptide) IgG]	SOP 7078	Serum
416.-420.	Reserved		
421.(1)	Determination of INFg production by QuantiFeron test [QuantiFERON -TB Gold Plus]	SOP 7103	Plasma
422.(1)	Determination of IgG, IgA antibodies against gliadin by EIA method [a-gliadin IgG, a-gliadin IgA,]	SOP 7121	Serum, plasma
423.-440.	Reserved		

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Ordinal number	Examination procedure name	Examination procedure identification	Examined object
441.(1)	Determination of total IgE, specific IgE against individual allergens and specific IgE against allergen mixtures by FEIA method [d1 - Dermatophagoides pteronyssinus (EIA) FEIA, sp.IgE - egg white, milk, fish, wheat, peanuts, soya (FEIA)]	SOP 7200	Serum, plasma
442.(1)	Typing of gammapathies by immunofixation method [Immunofixation]	SOP 7231	Serum, urine
443.(1)	Determination of ANA, ENA autoantibodies by immunoblot method [ENA/ANA typing (BLOT)]	SOP 7240	Serum, plasma
444.(1)	Determination of autoantibodies against liver antigens (SLA/LP, LKM-1, LC-1, AMA-M2) by immunoblot method [a-liver antigens (BLOT), AMA-M2 (BLOT), a-LKM1 (BLOT)]	SOP 7241	Serum, plasma
445.(1)	Determination of antibodies against neuronal antigens (a-Amphiphysin, a-CV2, a-PNMA2, a-Ri, a-Yo, a-Hu, a-Recoverin, a-SOX1, a-Titin, a-Zic4, a-GAD65, a-Tr) by blotting technique [Neuro screen (BLOT)]	SOP 7246	Serum, plasma
446.-461.	Reserved		
462.(1)	Determination of antibodies against MPO, PR3, GBM by CIA method [ANCA MPO (CIA), ANCA PR3 (CIA), a-GBM (CIA)]	SOP 7350	Serum, plasma
463.(1)	Determination of antinuclear antibodies (ANA) by indirect immunofluorescence method [Antinuclear antibodies (IF)]	SOP 7361	Serum, plasma

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Ordinal number	Examination procedure name	Examination procedure identification	Examined object
464.(1)	Determination of anti-neutrophil cytoplasmic antibodies (ANCA) by indirect immunofluorescence method [ANCA (IF)]	SOP 7362	Serum, plasma
465.(1)	Determination of IgA endomysial antibodies by indirect immunofluorescence method [a-EMA IgA (IF)]	SOP 7370	Serum, plasma
466.(1)	Determination of autoantibodies found in autoimmune hepatitis (AMA, ASMA, LKM, ANA) patients by indirect immunofluorescence method [AIH, autoim. hepatitis screening (IF), AMA (IF), ASMA (IF), a-LKM (IF)]	SOP 7371	Serum, plasma
467.(1)	Determination of antibodies against parietal cells (APCA) by indirect immunofluorescence method [a-parietal cells (IF)]	SOP 7392	Serum, plasma
468.	Reserved		
469.(1)	Determination of percentage of lymphocyte populations of CD3, CD4, CD8, CD19 and NK cells by flow cytometry method [CD3+ T lymphocytes %, auxiliary CD4+ T lymphocytes %, cytotoxic CD8+ T lymphocytes %, CD19+ B lymphocytes %, NK cells (CD16+56+) %]	SOP 7411	EDTA blood or heparinized blood
470.(1)	Determination of HLA-B27 by flow cytometry method [HLA-B27]	SOP 7412	EDTA or heparinized blood
471.-500.	Reserved		

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Ordinal number	Examination procedure name	Examination procedure identification	Examined object
816 - Medical Genetics Laboratory			
501(1)	Determination of high-risk genetic factors related to immunopathological diseases by PCR method and modifications [Celiac disease, risk alleles (PCR)]	SOP 8701	Whole blood (EDTA)
502(2)	Cytogenetic analysis of human peripheral lymphocytes – conventional technique	SOP 10003	Blood

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

Annex:
Flexible scope of accreditation

Examination procedure ordinal numbers:
1, 45, 47, 127, 154, 210, 211, 302, 323, 342, 362, 382, 407, 408, 414, 415, 441, 443, 444, 466, 469, 501

The Laboratory is allowed to modify the examination procedures listed in the Annex within the specified scope of accreditation provided the measuring principle is observed.

The flexible approach to the scope of accreditation cannot be applied to the examinations not included in the Annex.

Primary sample collection:

Ordinal number 1)	Primary sample collection procedure name	Primary sample collection procedure identification	Primary sample
1.*(1,2)	Primary sample collection of areas, surfaces and objects in healthcare facilities and related areas	SOP 9001	Areas, surfaces and objects in healthcare facilities, hands of medical personnel
2.*(1,2)	Venous blood sample collection	SOP 9003	Blood
3.*(1)	Collection of samples of biological material other than venous blood	SOP 9004	Tonsillar, conjunctival, skin smear, nasopharyngeal, laryngeal, external auditory canal, rectal swab, pus and punctate - collection from nidi, urine, stool, capillary blood

1) Asterisk at the ordinal number identifies the sample collection procedures, which the Laboratory is qualified to carry out outside the permanent laboratory premises.

Accredited entity according to ČSN EN ISO 15189:2013:

Zdravotní ústav se sídlem v Ostravě
Centre of Clinical Laboratories
Partyzánské náměstí 2633/7, Moravská Ostrava, 702 00 Ostrava

Explanatory notes:

$7^{(1,2)}$ Superscript – CKL location ordinal number:
1 – Location 1 – Ostrava
2 – Location 2 – Brno

ACLA	Anticardiolipin antibodies
AIH	Autoimmune hepatopathy
AMA	Anti Mitochondrial antibodies
ANA	Anti Nuclear Antibodies
ANCA	Anti Neutrophil Cytoplasmic Antigens Antibodies
anti – A	Influenza A Antibodies
anti – AD	Adenovirus Antibodies
anti – B	Influenza B Antibodies
anti – M	*Mycoplasma pneumoniae* antibodies
anti – PI	Parainfluenza Virus Antibodies
anti – RS	Respiratory Syncytial Virus Antibodies
APCA	Anti-parietal cell antibodies
ART	Acid-resistant rods
AS	Atypical species (uncommon mycobacteria)
ASLO	Antistreptolysin O
ASMA	Anti Smooth Muscle Antibodies
ASP	Aspirate
ATB	Antibiotics
ATM	Antimycotics
BAL	Bronchoalveolar lavage
BAT	Bronchoalveolar lavage fluid
BioFM	Metabolic method for the cultivation of mycobacteria
BRS	Bronchoalveolar secretion
CD	Membrane markers (receptors)
CH50	Unit for the determination of complement activity by classical activation method
CM	Common species (common mycobacteria)
CMIA	Chemiluminescence Immunoassay on microparticles
CMV	Cytomegalovirus
CRP	C-Reactive Protein
CV-1	Cell line CV-1 (from monkey kidney)
DM1T	1st Type Diabetes Mellitus
DEN	Dengue
DGI	Disseminated Gonococcal Infection
DLEP	Human Embryonic Lung Diploids
DOB	Dobrava virus
dsDNA	Double stranded DNA antibodies
EBV	Epstein-Barr Virus
EIA	Enzyme immunoassay
ELFA	Enzyme-Linked Fluorescent Assay
ELISA	Enzyme-Linked Immuno Sorbent Assay
EMA	Endomysial Antibodies
ENA	Extractable Nuclear Antigens
FEIA	Fluorescent Enzyme Immunoassay
FPIA	Fluorescence Polarization Immunoassay
FTA	Fluorescent Treponemal Antibody

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GAD	Glutamic Acid Decarboxylase
GBM	Glomerular Basal Membrane
GDH	Glutamate Dehydrogenase
GISA	*Staphylococcus aureus* with lowered sensitivity to glycopeptides
GO	*Neisseria gonorrhoeae*, gonococci, gonorrhea
GP	Gen-Probe
GRSA	*Staphylococcus aureus* resistant to glycopeptides
HAV	Hepatitis A virus
HBsAg	Hepatitis B virus surface antigen
HBV	Hepatitis B virus
HCV	Hepatitis C virus
HEV	Hepatitis E virus
HHV6	Herpes hominis virus type 6
HIV	Human Immunodeficiency Virus
HLA	Major Histocompatibility Complex
HLA–DR	Surface antigen
HR	High Risk
HSV	Herpes Simplex Virus
HTN	Hantaan virus
CHIK	Chikungunya virus
i.v.	intravenous
IB	Immunoblot
IF (NIF)	Indirect immunofluorescence
IM test	Preliminary diagnostic test for the detection of infectious mononucleosis
INF	Interferon
IUD	Intrauterine device
JBE	Japanese B encephalitis
KFR	Complement Fixation Reaction
LC-1	Liver cytosol
LEIA	Luminescence-enhanced enzyme immunoassay
LKM	Anti-liver, kidney microsomes
LR	Low Risk
LV	Laryngeal swab
MB/BacT	Automatic detection system for metabolic cultivation of mycobacteria
MDCK	Canine Kidney Cell Line
MGIT	Metabolic Culture Method (Mycobacterium Growth Indicator Tube)
MIC	Minimum Inhibitory Concentration
MOP	Microbial Vaginal Image
MPO	Myeloperoxidase
MRSA	Methicilin-resistant *Staphylococcus aureus*
MTBC	*Mycobacterium tuberculosis* complex
NK	Natural Killer
PCR	Polymerase Chain Reaction
PID	Pelvic Inflammatory Disease
PR3	Proteinase 3
PUU	Puumala virus
RF	Rheumatoid Factor
RPR	Rapid Plasma Reagin
RS virus (RSV)	Respiratory Syncitial Virus
SARS-CoV-2	Severe acute respiratory syndrome coronavirus 2
SLA/LP	Soluble liver antigen/liver-pancreas

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TGB	Thyroglobulin
TBE	Tick Borne Encephalitis
TPO	Thyreoperoxidase
TSH	Thyroid-stimulating hormone
v.	virus
VNT	Virus Neutralisation Test
VRE	Vancomycin Resistant Enterococci
VZV	Varicella-zoster virus
WB	Western blot
WNV	West Nile virus
ZKV	Zika virus