Accredited entity according to ČSN EN ISO 15189:2013:

Fakultní nemocnice Brno

Institute of Laboratory Medicine Jihlavská 340/20, 625 00 Brno

Medical laboratory locations:

- Clinical Biochemistry Department Laboratory (LOKB), NBP Workplace Jihlavská 340/20, 625 00 Brno
- 2. Clinical Biochemistry Department Laboratory (LOKB), NBP Workplace, Obilní trh Obilní trh 11, 625 00 Brno
- 3. Clinical Microbiology and Immunology Department (OKMI) Jihlavská 340/20, 625 00 Brno
- 1. Clinical Biochemistry Department Laboratory (LOKB), NBP Workplace

Examinations:

Ordinal number	Examination procedure name	Examination procedure identification	Examined object
	801	- Clinical Biochemistry	
1.	Determination of mass concentration of albumin by nephelometry [CSF–Albumin]	SOPV 37411801	CSF
2.	Determination of mass concentration of albumin by nephelometry and calculation of waste in urine [U-Albumin, dU-Albumin]	SOPV 37411806	Urine
3.	Determination of amount- of-substance concentration of Na ⁺ ions by indirect potentiometry and calculation of waste in urine [S/P–Na, dU–Na, U–Na]	SOPV 37421832A	Serum, plasma, urine
4.	Determination of amount- of-substance concentration of K ⁺ ions by indirect potentiometry and calculation of waste in urine [S/P–K, dU–K, U–K]	SOPV 37421832B	Serum, plasma, urine

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Ordinal number	Examination procedure name	Examination procedure identification	Examined object
5.	Determination of amount- of-substance concentration of Cl ⁻ ions by indirect potentiometry and calculation of waste in urine [S/P-Cl, dU-Cl, U-Cl]	SOPV 37421832C	Serum, plasma, urine
6.	Determination of amount- of-substance concentration of calcium (Ca) by photometry [S/P–Ca]	SOPV 37421801	Serum, plasma
7.	Determination of amount- of-substance concentration of inorganic phosphate by photometry and calculation of waste in urine [S/P–Phosphate inorg, U-Phosphate inorg, dU-Phosphate inorg]	SOPV 37421820	Serum, plasma, urine
8.	Determination of amount- of-substance concentration of magnesium (Mg) by photometry [S/P–Mg]	SOPV 37421818	Serum, plasma
9.	Determination of amount- of-substance concentration of urea by photometry and calculation of waste in urine [S/P–Urea, U-Urea, dU–Urea]	SOPV 37421802	Serum, plasma, urine
10.	Determination of amount- of-substance concentration of creatinine by photometry and calculation of waste in urine [S/P–Creatinine, U-Creatinine]	SOPV 37421824	Serum, plasma, urine

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Ordinal	Examination procedure	Examination procedure	Examined object
number	name	identification	
11.	Determination of amount- of-substance concentration of uric acid by photometry and calculation of waste in urine [S/P–Uric acid,	SOPV 37421825	Serum, plasma, urine
	U-Uric acid dU-Uric acid]		
12.	Determination of molar concentration of total bilirubin by photometric method [S/P–Bilirub.total]	SOPV 37421806	Serum, plasma
13.	Determination of amount- of-substance concentration of glucose by photometry [S/P–Glucose, CSF–Glucose]	SOPV 37421809	Serum, plasma, CSF
14.	Determination of catalytic activity concentration of ALT by photometry [S/P–ALT]	SOPV 37421804	Serum, plasma
15.	Determination of catalytic activity concentration of AST by photometry [S/P–AST]	SOPV 37421814	Serum, plasma
16.	Determination of catalytic activity concentration of GGT by photometry [S/P–GGT]	SOPV 37421811	Serum, plasma
17.	Determination of catalytic activity concentration of alkaline phosphatase (ALP) by photometry [S/P–ALP]	SOPV 37421864	Serum, plasma
18.	Determination of catalytic activity concentration of lactate dehydrogenase (LD) by photometry [S/P–LD]	SOPV 37421813	Serum, plasma

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Ordinal number	Examination procedure name	Examination procedure identification	Examined object
19.	Determination of catalytic activity concentration of creatinkinase (CK) by photometry [S/P–CK]	SOPV 37421817	Serum, plasma
20.	Determination of catalytic activity concentration of α-amylase by photometry and calculation of waste in urine [S/P–Amylase, U-Amylase dU-Amylase]	SOPV 37421810	Serum, plasma, urine
21.	Determination of mass concentration of total protein by photometry [S/P–Protein tot.]	SOPV 37421803	Serum, plasma
22.	Determination of mass concentration of total protein by turbidimetry and calculation of waste in urine [dU-Protein tot. U-Protein tot. CSF-Protein tot.]	SOPV 37421838	Urine, CSF
23.	Determination of mass concentration of albumin by photometry [S/P–Albumin]	SOPV 37421805	Serum, plasma
24.	Determination of amount- of-substance concentration of lactate by photometry [P–Lactate, CSF–Lactate]	SOPV 37421837	Plasma, CSF
25.	Determination of amount- of-substance concentration of cholesterol by photometry [S/P–Cholesterol]	SOPV 37421807	Serum, plasma

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Ordinal number	Examination procedure name	Examination procedure identification	Examined object
26.	Determination of amount- of-substance concentration of triacylglycerols by photometry [S/P–Triacylglyc.]	SOPV 37421816	Serum, plasma
27.	Determination of amount- of-substance concentration of zinc (Zn) by AAS method and calculation of waste in urine [S–Zn, dU–Zn]	SOPV 37431801	Serum, urine
28.	Determination of amount- of-substance ratio of haemoglobin A1c by capillary electrophoresis method [B-Haemoglobin A1c]	SOPV-37431152	Blood
29.	Determination of arbitrary amount-of-substance concentration of CA 125 by ECLIA method [S/P–CA 125]	SOPV-37441805	Serum, plasma
30.	Determination of arbitrary amount-of-substance concentration of CA15-3 by ECLIA method [S/P–CA 15-3]	SOPV-37441806	Serum, plasma
31.	Determination of arbitrary amount-of-substance concentration of CA 19-9 by ECLIA method [S/P–CA 19-9]	SOPV-37441807	Serum, plasma
32.	Determination of mass concentration of CEA by ECLIA method [S/P–CEA]	SOPV-37441804	Serum, plasma
33.	Determination of mass concentration of total PSA by ECLIA method [S/P-total PSA]	SOPV-37441808	Serum, plasma

Accredited entity according to ČSN EN ISO 15189:2013:

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Ordinal number	Examination procedure name	Examination procedure identification	Examined object
34.	Determination of mass concentration of free PSA by ECLIA method [S/P–free PSA]	SOPV-37441809	Serum, plasma
	813 - Allergol	ogy and Immunology Labo	oratory
1.	Determination of mass concentration of immunoglobulin A (IgA) by nephelometry [CSF–IgA]	SOPV 37411802	CSF
2.	Determination of mass concentration of immunoglobulin G (IgG) by nephelometry [CSF–IgG]	SOPV 37411803	CSF
3.	Determination of mass concentration of immunoglobulin M (IgM) by nephelometry [CSF–IgM]	SOPV 37411804	CSF
4.	Determination of mass concentration of ceruloplasmin by nephelometry [S-Ceruloplasmin]	SOPV 37411805	Serum
5.	Determination of mass concentration of C-reactive protein (CRP) by immunoturbidimetry [S/P–CRP]	SOPV 37421823	Serum, plasma
6.	Determination of mass concentration of immunoglobulin A (IgA) by immunoturbidimetry [S/P–IgA]	SOPV 37421835	Serum, plasma
7.	Determination of mass concentration of immunoglobulin G (IgG) by immunoturbidimetry [S/P–IgG]	SOPV 37421836	Serum, plasma

Accredited entity according to ČSN EN ISO 15189:2013:

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Ordinal number	Examination procedure name	Examination procedure identification	Examined object
8.	Determination of mass concentration of immunoglobulin M (IgM)	SOPV 37421826	Serum, plasma
	by immunoturbidimetry [S/P–IgM]		
	815 - Nı	iclear Medicine Laborator	y
1.	Determination of arbitrary amount-of-substance concentration of TSH by ECLIA method [S/P-TSH]	SOPV 37421853	Serum, plasma
2.	Determination of amount- of-substance concentration of free T4 (fT4) by ECLIA method [S/P-fT4]	SOPV 37421854	Serum, plasma
3.	Determination of amount- of-substance concentration of total T3 (t T3) by ECLIA method [S/P-tT3]	SOPV 37421855	Serum, plasma
4.	Determination of arbitrary amount-of-substance concentration of AFP by CMIA method [S/P–AFP, AFP–amniotic fluid]	SOPV- 37441864	Serum, plasma, amniotic fluid
5.	Determination of amount- of-substance concentration of cortisol by CMIA method [S/P–Cortisol]	SOPV-37441865	Serum, plasma
6.	Determination of amount- of-substance concentration of estradiol by CMIA method [S/P–Estradiol]	SOPV-37441866	Serum, plasma

Accredited entity according to ČSN EN ISO 15189:2013:

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Ordinal number	Examination procedure name	Examination procedure identification	Examined object
7.	Determination of arbitrary amount-of-substance concentration of FSH by CMIA method [S/P–FSH]	SOPV-37441867	Serum, plasma
8.	Determination of arbitrary amount-of-substance concentration of total β – hCG by CMIA method [S/P–hCG]	SOPV-37441868	Serum, plasma
9.	Determination of arbitrary amount-of-substance concentration of LH by CMIA method [S/P–LH]	SOPV-37441869	Serum, plasma
10.	Determination of amount- of-substance concentration of progesterone by CMIA method [S/P–Progesterone]	SOPV-37441870	Serum, plasma
11.	Determination of arbitrary amount-of-substance concentration of prolactin by CMIA method [S/P–Prolactin]	SOPV-37441871	Serum, plasma
12.	Determination of amount- of-substance concentration of testosterone by CMIA method [S/P—Testosterone]	SOPV-37441872	Serum, plasma
13.	Determination of arbitrary amount-of-substance concentration of CA 72-4 by ECLIA method [S/P–CA 72-4]	SOPV-37441813	Serum, plasma
14.	Determination of mass concentration of CYFRA 21-1 by ECLIA method [S/P–CYFRA 21-1]	SOPV-37441814	Serum, plasma

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Ordinal number	Examination procedure name	Examination procedure identification	Examined object
15.	Determination of mass concentration of NSE by ECLIA method [S–NSE]	SOPV-37441815	Serum

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

Accredited entity according to ČSN EN ISO 15189:2013:

Fakultní nemocnice Brno

Institute of Laboratory Medicine Jihlavská 340/20, 625 00 Brno

2. Clinical Biochemistry Department Laboratory (LOKB), NBP Workplace, Obilní trh

Examinations:

Ordinal number	Examination procedure name	Examination procedure identification	Examined object		
	801 - Clinical Biochemistry				
1.	Determination of mass concentration of albumin by photometry [S/P–Albumin]	SOPV 37471901	Serum, plasma		
2.	Determination of catalytic activity concentration of alkaline phosphatase (ALP) by photometry [S/P–ALP]	SOPV 37471902	Serum, plasma		
3.	Determination of catalytic activity concentration of GGT by photometry [S/P–GGT]	SOPV 37471903	Serum, plasma		
4.	Determination of catalytic activity concentration of lactate dehydrogenase (LD) by photometry [S/P–LD]	SOPV 37471904	Serum, plasma		
5.	Determination of molar concentration of total bilirubin by photometric method [S/P–Bilirub.total]	SOPV 37471905	Serum, plasma		
6.	Determination of amount-of- substance concentration of calcium (Ca) by photometry [S/P–Ca]	SOPV 37471906	Serum, plasma		
7.	Determination of catalytic activity concentration of α-amylase by photometry and calculation of waste in urine [S/P–Amylase, U-Amylase dU-Amylase]	SOPV 37471907	Serum, plasma, urine		

Accredited entity according to ČSN EN ISO 15189:2013:

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Ordinal number	Examination procedure name	Examination procedure identification	Examined object
8.	Determination of amount-of- substance concentration of creatinine by photometry and calculation of waste in urine [S/P—Creatinine, U-Creatinine]	SOPV 37471908	Serum, plasma, urine
9.	Determination of amount-of- substance concentration of glucose by photometry [S/P–Glucose]	SOPV 37471909	Serum, plasma
10.	Determination of mass concentration of total protein by photometry [S/P–Protein tot.]	SOPV 37471910	Serum, plasma
11.	Determination of mass concentration of total protein by turbidimetry and calculation of waste in urine [dU-Protein tot., U-Protein tot.]	SOPV37471911	Urine
12.	Determination of amount-of- substance concentration of uric acid by photometry and calculation of waste in urine [S/P–Uric acid, U–Uric acid dU–Uric acid]	SOPV 37471912	Serum, plasma, urine
13.	Determination of amount-of- substance concentration of urea by photometry and calculation of waste in urine [S/P–Urea, U–Urea, dU–Urea]	SOPV 37471913	Serum, plasma, urine

Accredited entity according to ČSN EN ISO 15189:2013:

Fakultní nemocnice Brno

Ordinal number	Examination procedure name	Examination procedure identification	Examined object
14.	Determination of amount-of- substance concentration of Na ⁺ ions by indirect potentiometry and calculation of waste in urine [S/P–Na, dU–Na, U–Na]	SOPV 37471915	Serum, plasma, urine
15.	Determination of amount-of- substance concentration of K ⁺ ions by indirect potentiometry and calculation of waste in urine [S/P–K, dU–K, U–K]	SOPV 37471915	Serum, plasma, urine
16.	Determination of amount-of- substance concentration of Cl ⁻ ions by indirect potentiometry and calculation of waste in urine [S/P-Cl, dU-Cl, U-Cl]	SOPV 37471915	Serum, plasma, urine
17.	Determination of amount-of- substance concentration of cholesterol by photometry [S/P–Cholesterol]	SOPV 37471916	Serum, plasma
18.	Determination of catalytic activity concentration of ALT by photometry [S/P–ALT]	SOPV 37471917	Serum, plasma
19.	Determination of catalytic activity concentration of AST by photometry [S/P–AST]	SOPV 37471918	Serum, plasma
20.	Determination of amount-of- substance concentration of triacylglycerols by photometry [S/P–Triacylglyc.]	SOPV 37471919	Serum, plasma

Accredited entity according to ČSN EN ISO 15189:2013:

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Ordinal number	Examination procedure name	Examination procedure identification	Examined object
	813 - Allergology and Immunology Laboratory		
1.	Determination of mass concentration of C-reactive protein (CRP) by immunoturbidimetry [S/P–CRP]	SOPV 37471914	Serum, plasma

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

Accredited entity according to ČSN EN ISO 15189:2013:

Fakultní nemocnice Brno

Institute of Laboratory Medicine Jihlavská 340/20, 625 00 Brno

3. Clinical Microbiology and Immunology Department (OKMI)

Examinations:

Ordinal number	Examination procedure name	Examination procedure identification	Examined object		
	802 - Medical microbiology				
1.	Examination of microorganisms from clinical material and from cultures microscopically – stained preparation according to Gram, Giemsa	SOP 001	Liquid biological materials, stools, biopsy and section materials, smears and swabs, bacterial isolate		
2.	Stool culture examination for obligate intestinal pathogens	SOP 002	Stool		
3.	Check of contamination of hospital environment by culture method	SOP 003	Smears from environment		
4.	Sterility check of transfusion preparations using BD Bactec FX automatic analyzer	SOP 004	Liquid content of transfusion bags		
5.	Check of sterility and check of environmental contamination by culture method	SOP 005	Donor tissue swabs, skin grafts, corneas, chondrografts, lyophilized tissues, smears from the production environment, settling plates		
6.	Culture examination of swabs and smears aerobically	SOP 006	Swabs from upper respiratory tract, eye, skin and ear, suction catheter, tracheal cannulas, urinary catheters and splints		
7.	Culture quantitative examination after sonication	SOP 008	Vascular cannulas, catheters, implants		

Accredited entity according to ČSN EN ISO 15189:2013:

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Ordinal number	Examination procedure name	Examination procedure identification	Examined object
8.	Examination of smears from urogenital tract by microscopic and culture method (aerobic and anaerobic)	SOP 009	Swabs from vagina, vulva, cervix, urethra, ejaculates
9.	Prenatal culture screening for <i>Streptococcus</i> agalactiae	SOP 010	Vaginal swabs
10.	Culture and microscopical examination for GO	SOP 011	Swabs from the vagina, cervix, urethra, rectum, neck
11.	Qualitative determination of sensitivity to antibiotics – disc diffusion method	SOP 012	Bacterial isolates
12.	Quantitative determination of sensitivity to antibiotics – microdilution method	SOP 013	Bacterial isolates
13.	Quantitative determination of sensitivity to antibiotics – defined antibiotic gradient	SOP 014	Bacterial isolates
14.	Identification of bacterial strains with a severe resistance phenotype – by culture and using colorimetric and immunochromatographic methods	SOP 015	Bacterial isolates
15.	Cultivation examination of prints from wounds and burned areas	SOP 016	Prints from wounds and burned areas
16.	Culture and microscopic examination of liquid material from the lower respiratory tract	SOP 017	Sputum, BAL fluid, aspirates

Accredited entity according to ČSN EN ISO 15189:2013:

Fakultní nemocnice Brno

Ordinal number	Examination procedure name	Examination procedure identification	Examined object
17.	Culture and microscopical examination of CSF – aerobic and anaerobic	SOP 018	CSF
18.	Determination of cultured microorganisms by MALDI TOF method	SOP 019	Bacterial isolates
19.	Culture and microscopic examination of the presence of fungal agents in clinical material	SOP 020	Liquid biological materials, stools, biopsy and section materials, smears and swabs
20.	Identification of yeasts biochemically, by culture and microscopically	SOP 021	Fungal isolates
21.	Microscopic and culture examination of biological material requiring anaerobic culture and contact lenses requiring aerobic culture	SOP 022	Liquid biological materials, stools, biopsy and section materials, smears and swabs from the surface of the body and body cavities, intrauterine devices, contact lenses
22.	Parasitological microscopic examination of biological material and macroscopic examination of multicellular parasites and ectoparasites	SOP 023	Stool, urine, sputum, biopsy, punctures, duodenal juices, multicellular parasites
23.	Microscopic examination for enterobiasis	SOP 024	Perianal imprints
24.	Microscopic examination for malaria and other blood and tissue parasites	SOP 025	Blood, bone marrow, biopsy materials

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Ordinal number	Examination procedure name	Examination procedure identification	Examined object
25.	Direct identification of bacterial antigens, immunochromatographical ly	SOP 042	Urine, CSF
26.	Aerobic culture examination of urine by semiquantitative method	SOP 043	Urine
27.	Detection of <i>Trichomonas</i> vaginalis by microscopic and culture method	SOP 044	Swabs from the vagina, urethra, urine and ejaculates
28.	Detection of <i>Ureaplasma</i> spp. and <i>Mycoplasma hominis</i> by culture method	SOP 045	Swabs from the vagina, urethra, cervix, ejaculates, urine, prostatic exprimates, BAL fluids
29.	Detection of <i>Clostridium</i> difficile antigen and toxins by immunochromatographic methods	SOP 049	Stool
30.	Culture examination of blood and primarily sterile body fluids using the automatic Bactec FX system	SOP 051	Blood, dialyzates, liquid content of transfusion bags, liquid content of separator bags, CSF, punctates, ascites
31.	Identification of bacteria by phenotyping (biochemical and agglutination) methods	SOP 052	Bacterial cultures
32.	Determination of IgG and IgM antibodies to hepatitis A virus by CMIA method [Anti HAV IgG, Anti HAV IgM]	SOP 026	Serum
33.	Detection of hepatitis B virus surface antigen by CMIA method [HBsAg]	SOP 027	Serum

Accredited entity according to ČSN EN ISO 15189:2013:

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Ordinal number	Examination procedure name	Examination procedure identification	Examined object
34.	Confirmatory detection of hepatitis B virus surface antigen by CMIA method [HBsAg confirmation]	SOP 028	Serum
35.	Determination of hepatitis B virus surface antigen by CMIA method [Anti HBs quant.]	SOP 029	Serum
36.	Determination of Ig-total and IgM antibodies to hepatitis B virus core antigen by CMIA method [Anti HBc, Anti HBc IgM]	SOP 030	Serum
37.	Detection of hepatitis B virus HBeAg antigen by CMIA method [HBeAg]	SOP 031	Serum
38.	Determination of antibodies to hepatitis B virus HBeAg antigen by CMIA method [Anti HBe]	SOP 032	Serum
39.	Determination of antibodies to hepatitis C virus by CMIA method [Anti HCV]	SOP 033	Serum
40.	Determination of IgG, IgA and IgM antibodies to Chlamydia pneumoniae by ELISA method [Chlamydophila pneumoniae IgG EIA, Chlamydophila pneumoniae IgA EIA, Chlamydophila pneumoniae IgA EIA, Chlamydophila pneumoniae IgM EIA]	SOP 039	Serum

Accredited entity according to ČSN EN ISO 15189:2013:

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Ordinal number	Examination procedure name	Examination procedure identification	Examined object
41.	Determination of antibodies to Treponema pallidum by ECLIA method [Anti-TP ECLIA]	SOP 046	Serum
42.	Determination of IgG and IgM antibodies to Toxoplasma gondii by CLIA method [Toxoplasma IgG ECLIA, Toxoplasma IgM ECLIA]	SOP 047	Serum
43.	Determination of IgM antibodies to influenza A virus and influenza B virus by ELISA method [Influenza A IgM ELISA, Influenza B IgM ELISA]	SOP 048	Serum
44.	Determination of total antibodies to SARS-CoV 2 spike protein by ECLIA method [anti-SARS-CoV-2 S]	SOP 063	Serum, plasma
	813 - Allerg	ology and Immunology Laborat	ory
1.	Determination of IgG antinuclear antibodies by indirect immunofluorescence method [ANA screen IgG (HEp-2 IIF)]	SOP 055	Serum
2.	Determination of titer IgG antinuclear antibodies by indirect immunofluorescence method [ANA IgG titer (IIF)]	SOP 056	Serum

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Ordinal number	Examination procedure name	Examination procedure identification	Examined object
3.	Determination of IgG antibodies to double- stranded DNA by indirect immunofluorescence method [anti-dsDNA screening IgG (IIF)]	SOP 057	Serum
4.	Determination of titer of IgG antibodies to double-stranded DNA by indirect immunofluorescence method [anti-dsDNA titration (IIF)]	SOP 058	Serum
5.	Determination of IgA antibodies to tissue transglutaminase by CLIA method [anti-tTG IgA]	SOP 059	Serum
6.	Determination of IgG antibodies to tissue transglutaminase by CLIA method [anti-tTG IgG]	SOP 060	Serum
7.	Determination of IgG antibodies to myeloperoxidase by ELISA method [anti-MPO IgG]	SOP 061	Serum
8.	Determination of IgG antibodies to proteinase 3 by ELISA method [anti-PR3 IgG]	SOP 062	Serum

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