

List of activities within the flexible scope of accreditation

Accredited Body: Fakultní nemocnice Brno
CAB Name: Institute of Laboratory Medicine
CAB Number: 8060
Certificate of Accreditation No.: 40/2025
Field of Accreditation: Medical Laboratory - ČSN EN ISO 15189 ed. 3:2023
Updated: 18/11/2025, 05/01/2026

1. **Clinical Biochemistry Department (OKB), NBP Workplace**

Jihlavská 340/20, 625 00 Brno

Examinations:

Ordinal Number	Analyte/ parameter/diagnostic cs	Principle of examination	Identification of method procedure/ equipment	Examined material	Degrees of freedom ¹
801 – Clinical Biochemistry					
1.	Minerals	Potentiometry	SOPV 3742 1 982, version 1; SOPT 3742 3 316, version 12; SOPT 3742 3 321, version 4; PI 3701 1 725, version 1; cobas 8000	Serum, plasma, urine	A, B, C
2.	Minerals	Absorption spectrophotometry	SOPV 3742 1 973, version 1; SOPT 3742 3 316, version 12; SOPT 3742 3 321, version 4; PI 3701 1 725, version 1; cobas 8000	Serum, plasma, urine	A, B, C
3.	Enzymes	Absorption spectrophotometry	SOPV 3742 1 981, version 1; SOPV 3742 1 975, version 1; SOPV 3742 1 977, version 1; SOPV 3742 1 978, version 1; SOPT 3742 3 316, version 12; SOPT 3742 3 321, version 4; PI 3701 1 725, version 1; cobas 8000	Serum, plasma	A, B, C

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Ordinal Number	Analyte/parameter/diagnostics	Principle of examination	Identification of method procedure/equipment	Examined material	Degrees of freedom ¹
4.	Glucose	Absorption spectrophotometry	SOPV 3742 1 979, version 1; SOPT 3742 3 316, version 12; SOPT 3742 3 321, version 4; PI 3701 1 725, version 1; cobas 8000	Serum, plasma, cerebrospinal fluid	A, B
5.	Lipids	Absorption spectrophotometry	SOPV 3742 1 974, version 1; SOPT 3742 3 316, version 12; PI 3701 1 725, version 1; cobas 8000	Serum, plasma	A, B, C
6.	Non-protein nitrogenous compounds	Absorption spectrophotometry	SOPV 3742 1 972, version 1; SOPT 3742 3 316, version 12; SOPT 3742 3 321, version 4; PI 3701 1 725, version 1; cobas 8000	Serum, plasma, urine	A, B, C
7.	Proteins	Absorption spectrophotometry	SOPV 3742 1 976, version 1; SOPT 3742 3 316, version 12; SOPT 3742 3 321, version 4; PI 3701 1 725, version 1; cobas 8000	Serum, plasma, urine, cerebrospinal fluid	A, B, C
8.	Pigments	Absorption spectrophotometry	SOPV 3742 1 980, version 2; SOPT 3742 3 316, version 12; SOPT 3742 3 321, version 4; PI 3701 1 725, version 1; cobas 8000	Serum, plasma	A, B, C
9.	Lactate	Absorption spectrophotometry	SOPV 3742 1 979, version 1; SOPT 3742 3 316, version 12; SOPT 3742 3 321, version 4; PI 3701 1 725, version 1; cobas 8000	Plasma, cerebrospinal fluid	A, B
10.	Glycated haemoglobin (HbA1c)	High-Performance Liquid Chromatography	SOPV 3743 1 815 version 4; PI 3701 1 725, version 1; capillarys 2	Blood	A, B

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Ordinal Number	Analyte/parameter/diagnostics	Principle of examination	Identification of method procedure/equipment	Examined material	Degrees of freedom ¹
813 - Allergology and Immunology Laboratory					
1.	Immunoglobulins	Immunoturbidimetry	SOPV 3742 1 985, version 1; SOPT 3742 3 316, version 12; PI 3701 1 725, version 1; cobas 8000	Serum, plasma	A, B, C
2.	C-reactive protein (CRP)	Immunoturbidimetry	SOPV 3742 1 986, version 1; SOPT 3742 3 316, version 12; SOPT 3742 3 321, version 4; PI 3701 1 725, version 1; cobas 8000	Serum, plasma	A, B
3.	Proteins	Immunonephelometry	SOPV 3741 1 844, version 2; SOPT 3741 3 144, version 1; PI 3701 1 725, version 1; Atellica NEPH 630	Cerebrospinal fluid, urine	A, B, C
4.	Immunoglobulins	Immunonephelometry	SOPV 3741 1 844, version 2; SOPT 3741 3 144, version 1; PI 3701 1 725, version 1; Atellica NEPH 630	Cerebrospinal fluid	A, B, C
5.	Specific proteins	Immunonephelometry	SOPV 3741 1 805, version 7; SOPT 3741 3 144, version 1; PI 3701 1 725, version 1; Atellica NEPH 630	Serum, plasma	A, B, C
815 - Nuclear Medicine Laboratory					
1.	Cardiac markers	Immunoassay with luminometric detection	SOPV 3742 1 993, version 1; SOPV 3742 1 994, version 1; SOPV 3742 1 995, version 1; SOPV 3742 1 996, version 1; SOPT 3742 3 330, version 2; PI 3701 1 725, version 1; cobas 8000	Serum, plasma	A, B, C

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Ordinal Number	Analyte/parameter/diagnostics	Principle of examination	Identification of method procedure/equipment	Examined material	Degrees of freedom ¹
2.	Hormones	Immunoassay with luminometric detection	SOPV 3742 1 990, version 1; SOPV 3742 1 971, version 1; SOPT 3742 3 316, version 12; PI 3701 1 725, version 1; cobas 8000	Serum, plasma	A, B, C
3.	Hormones	Immunoassay with luminometric detection	SOPV 3742 1 882 version 1; SOPV 3742 1 991, version 1; SOPV 3742 1 992, version 1; SOPT 3742 3 331, version 2; PI 3701 1 725, version 1; Architect i 2000 SR	Serum, plasma	A, B, C

Specification of the scope of accreditation:

Field Nr. / Ordinal Number	Detailed information on activities within the scope of accreditation
801/1	Sodium ions, Potassium ions, Chloride ions
801/2	Calcium ions, Inorganic phosphates, Magnesium ions
801/3	Alanine transaminase (ALT), Aspartate transaminase (AST), Lactate dehydrogenase a (LD), Alkaline phosphatase (ALP), Gamma-glutamyl transferase (GGT), Creatin kinase (CK), α -Amylase (AMS)
801/5	Total cholesterol, Triacylglycerols
801/6	Urea, Uric acid
801/7	Albumin, Total proteins
801/8	Total bilirubin
813/1	IgG, IgM, IgA
813/3	Albumin
813/4	IgG, IgM, IgA
813/5	Ceruloplasmin
815/1	Carcinoembryonic antigen (CEA), CA 125, CA 15-3, CA 19-9, Prostate-specific antigen – total (PSA celkové), Prostate-specific antigen - free (FPSA), CA 72-4, Cytokeratin fragment 19 (CYFRA 21-1), Neuron-specific enolase (NSE)
815/2	Thyrotropin (TSH), Thyroxine free (FT4), Total hCG+ free beta-subunit HCG

List of activities within the flexible scope of accreditation

Field Nr. / Ordinal Number	Detailed information on activities within the scope of accreditation
815/3	Alfa-1-fetoprotein (AFP), Cortisol, Estradiol, Folitropin (FSH), Lutropine (LH), Progesterone, Prolactine, Testosterone

List of activities within the flexible scope of accreditation

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

Obilní trh 526/11, 625 00 Brno

Examinations:

Ordinal Number	Analyte/parameter/diagnostics	Principle of examination	Identification of method procedure/ equipment	Examined material	Degrees of freedom ¹
801 – Clinical Biochemistry					
1.	Minerals	Potentiometry	SOPV 3747 1 940, version 1; PI 3701 1 725, version 1; cobas pure	Serum, plasma, urine	A, B, C
2.	Minerals	Absorption spectrophotometry	SOPV 3747 1 938, version 1; PI 3701 1 725, version 1; cobas pure	Serum, plasma, urine	A, B, C
3.	Enzymes	Absorption spectrophotometry	SOPV 3747 1 937, version 1; SOPV 3747 1 936, version 1; SOPV 3747 1 907, version 5; PI 3701 1 725, version 1; cobas pure	Serum, plasma	A, B, C
4.	Glucose	Absorption spectrophotometry	SOPV 3747 1 909, version 5; PI 3701 1 725, version 1; cobas pure	Serum, plasma	A, B
5.	Non-protein nitrogenous compounds	Absorption spectrophotometry	SOPV 3747 1 939, version 2; PI 3701 1 725, version 1; cobas pure	Serum, plasma, urine	A, B, C
6.	Proteins	Absorption spectrophotometry	SOPV 3747 1 935, version 2; PI 3701 1 725, version 1; cobas pure	Serum, plasma, urine	A, B, C
7.	Pigments	Absorption spectrophotometry	SOPV 3747 1 941, version 2; PI 3701 1 725, version 1; cobas pure	Serum, plasma	A, B, C
813 - Allergology and Immunology Laboratory					
1.	C-reactive protein (CRP)	Immunoturbidimetry	SOPV 3747 1 914, version 6; PI 3701 1 725, version 1; cobas pure	Serum, plasma	A, B

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Specification of the scope of accreditation:

Field Nr. / Ordinal Number	Detailed information on activities within the scope of accreditation
801/1	Sodium ions (Na ⁺), Potassium ions (K ⁺), Chloride ions (Cl ⁻)
801/2	Calcium ions (Ca)
801/3	Alanine transaminase (ALT), Aspartate transaminase (AST), Lactate dehydrogenase a (LD), Alkaline phosphatase (ALP), Gamma-glutamyl transferase (GGT), α -Amylase (AMS)
801/5	Urea, Urin acid
801/6	Albumin, Total proteins
801/7	Total bilirubin

List of activities within the flexible scope of accreditation

3. Clinical Microbiology and Immunology Department (OKMI)

Jihlavská 340/20, 625 00 Brno

Examinations:

Ordinal Number	Analyte/parameter/diagnostics	Principle of examination	Identification of method procedure/ equipment	Examined material	Degrees of freedom ¹
802 – Medical Microbiology					
1.	Microbiological examination of the lower respiratory tract	Microscopy; Aerobic culture Anaerobic culture	SOPV 44417017, version 2 ; SOPV 44417001, version 1; PI 4401 0 011, version 1	Sputum, lower respiratory tract aspirate, bronchoalveolar lavage	A, B, C, D
2.	Microbiological examination of upper respiratory tract	Aerobic culture	SOPV 44417006, version 1; PI 4401 0 011, version 1	Swab from throat, nose, throat, oral cavity, tongue, tonsils, pharynx, larynx	A, B, C, D
3.	Clinically relevant antibiotic resistance screening	Aerobic culture	SOPV 4441 7 006, version 1; PI 4401 0 011, version 1	Sswab from throat, nose, rectum, perianal	A, B, C, D
4.	Microbiological examination of clinical material	Aerobic culture	SOPV 4441 7 006, version 1; PI 4401 0 011, version 1	Swab or smear from the eye, ear, skin, conjunctival sac, axillae, morphs, deposits, erosions, pustules, blisters, impressions from wounds and burns, breast milk, swabs from catheters	A, B, C, D
5.	Microbiological examination of foreign bodies	Aerobic culture	SOPV 4441 7 006, version 1; PI 4401 0 011, version 1	Suction and tracheostomy cannula, drain, splint, urinary catheter, epicystostomy catheter, vascular catheter, implant, shunt, swab	A, B, C, D

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Ordinal Number	Analyte/parameter/diagnostics	Principle of examination	Identification of method procedure/ equipment	Examined material	Degrees of freedom ¹
6.	Microbiological examination of clinical material	Microscopy; Aerobic culture; Anaerobic culture	SOPV 4441 7 022, version 2 ; SOPV 4441 7 001, version 1; PI 4401 0 011, version 1	Liquor, punctates (from joint, pericardium, pleural, peritoneum), secretions (from drain, abscess, fistula), amniotic fluid, urine from nephrostomy, pus, dialysate, ascites, abscess, bile, IUD, biopsy; swabs from wound, abscess, secretion, pus, tissue, ulceration, incision, furuncle, carbuncle, joint replacement, bone, corneal scraping	A, B, C, D
7.	Microbiological examination of clinical material	Microscopy; Aerobic culture	SOPV 4441 7 020, version 1; SOPV 4441 7 001, version 1; PI 4401 0 011, version 1	Wound, mucosal and surface swabs and smears, respiratory material, liquid clinical material, tissue, blood as haemoculture, foreign material, urine, faeces, skin and skin adnexa	A, B, D
8.	Identification of the micromycetes	Microscopy; Aerobic culture	SOPV 4441 7 021, version 1; SOPV 4441 7 001, version 1; PI 4401 0 011, version 1	Yeast culture, mould fungus	A, B, C
9.	Identification of the microorganism	Mass spectrometry	SOPV 4441 7 019, version 2 ; PI 4401 0 011, version 1; Biotyper; Vitek MS	Bacterial culture, yeast culture, mould fungus	A, B, C, D

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Ordinal Number	Analyte/parameter/diagnostics	Principle of examination	Identification of method procedure/ equipment	Examined material	Degrees of freedom ¹
10.	Identification of bacteria	Agglutination	SOPV 4441 7 052, version 1; SOPV 4441 7 002, version 1; PI 4401 0 011, version 1	Bacterial culture	A, B, C
11.	Identification of bacteria	Biochemically	SOPV 4441 7 052, version 1; PI 4401 0 011, version 1	Bacterial culture	A, B, C
12.	Microbiological examination of stool	Aerobic culture Anaerobic culture	SOPV 4441 7 002, version 1; SOPV 4441 7 049, version 1; PI 4401 0 011, version 1	Stool, rectal swab, swab of stomia	A, B, C
13.	Microbiological examination of urogenital tract	Microscopy; Aerobic culture; Anaerobic culture	SOPV 4441 7 009, version 1; SOPV 4441 7 001, version 1; PI 4401 0 011, version 1	External genital swab, vagina, cervix, cervix, urethra, rectum, throat, lochia, vaginal and prostatic secretions, ejaculate, scrotal swab	A, B, C, D
14.	Microbiological examination of blood and primarily sterile body fluids	Aerobic culture; Anaerobic culture; (automated)	SOPV 4441 7 051, version 1; SOPV 4441 7 001, version 1; SOPT 4441 5 011, version 1; PI 4401 0 011, version 1; BD Bactec FX 400 BD Bactec FX 200 BD Bactec FX 40	Blood, liquor, punctate (joint, pericardial, pleural, peritoneal), ascites, dialysate	A, B, C, D
15.	Quantitative microbiological examination of urine	Aerobic culture	SOPV 4441 7 043, version 1; PI 4401 0 011, version 1	Urine	A, B, C

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Ordinal Number	Analyte/ parameter/diagnostics	Principle of examination	Identification of method procedure/ equipment	Examined material	Degrees of freedom ¹
16.	Qualitative examination of microorganism sensitivity	Disk diffusion test	SOPV 4441 7 012, version 2 ; PI 4401 0 011, version 1	Bacterial culture, yeast culture	A, B, C, D
17.	Quantitative examination of microorganism sensitivity	Microdilution method; (automated)	SOPV 4441 7 013, version 1; PI 4401 0 011, version 1; Microscan	Bacterial culture	A, B, C, D
18.	Quantitative examination of microorganism sensitivity	Microdilution method; E-test	SOPV 4441 7 013, version 1; SOPV 4441 7 014, version 1; PI 4401 0 011, version 1	Bacterial culture, yeast culture, mould fungus	A, B, D
19.	Identification of bacterial strains with a severe resistance phenotype	Disc test; Biochemical test	SOPV 4441 7 015, version 3 ; PI 4401 0 011, version 1	Bacterial culture	A, B, C
20.	Parasitological examination for enterobiasis	Microscopy	SOPV 4441 7 023, version 2 ; PI 4401 0 011, version 1	Bacterial culture	A, B
21.	Parasitological examination of stool and ectoparasites	Microscopy	SOPV 4441 7 023, version 2 ; PI 4401 0 011, version 1	Stool, ectoparasites	A, B, C
22.	Examination for malaria and other blood tissue parasites	Microscopy	SOPV 4441 7 025, version 1; SOPV 4441 7 023, version 2 ; PI 4401 0 011, version 1	Blood, bone marrow, punctate, duodenal secretions	A, B, D
23.	Diagnostics of <i>Trichomonas vaginalis</i>	Microscopy	SOPV 4441 7 044, version 1; PI 4401 0 011, version 1	Vaginal swab, urethral swab, urine, ejaculate	A, B, D
24.	Diagnostics of urogenital mycoplasma	Aerobic culture	SOPV 4441 7 045, version 1; PI 4401 0 011, version 1	Vaginal swab, urethral swab, urine, aspirate from the respiratory tract, primarily sterile material	A, B, C, D

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Ordinal Number	Analyte/parameter/diagnostics	Principle of examination	Identification of method procedure/ equipment	Examined material	Degrees of freedom ¹
25.	Detection of a toxigenic strain of <i>Clostridioides difficile</i>	Immunoassay with fluorimetric detection	SOPV 4441 7 049, version 1; PI 4401 0 011, version 1; Standard F2400 Analyzer	Stool	A, B, C
26.	Detection of a toxigenic strain of <i>Clostridioides difficile</i>	Real-Time PCR	SOPV 4441 7 049, version 1; PI 4401 0 011, version 1; GeneXpert	Stool	A, B, C
27.	Antigens of infectious agents	Immunoassay with fluorimetric detection	SOPV 4441 7 042, version 1; PI 4401 0 011, version 1; Standard F2400 Analyzer	Cerebrospinal fluid, urine	A, B, C, D
28.	Detection of microorganisms	Aerobic culture	SOPV 4441 7 003, version 1; SOPV 4441 7 006, version 1; PI 4401 0 011, version 1	Environmental swabs, environmental and staff swabs and fingerprints, venepuncture swabs, aeroscope material, disinfection control, incubator swab	A, B, C, D
29.	Detection of microorganisms	Microscopy; Aerobic culture; Anaerobic culture	SOPV 4441 7 004, version 1; SOPV 4441 7 001, version 1; PI 4401 0 011, version 1; BD Bactec FX 200	Transfusion products and blood derivatives	A, B, C, D
30.	Detection of microorganisms	Aerobic culture; Anaerobic culture	SOPV 4441 7 005, version 1; PI 4401 0 011, version 1	Scrapings from donor tissues, donor tissues	A, B, C, D

List of activities within the flexible scope of accreditation

Ordinal Number	Analyte/ parameter/diagnostics	Principle of examination	Identification of method procedure/ equipment	Examined material	Degrees of freedom ¹
31.	Antigens of infectious agents	Immunoassay with luminometric detection (automated)	SOPV 4442 1 001, version 2 ; SOPT 4442 2 002, version 4; PI 4401 0 011, version 1; Architect i2000 SR	Serum	A, B, C, D
32.	Antibodies against infectious agents	Immunoassay with luminometric detection (automated)	SOPV 4442 1 001, version 2 ; SOPT 4442 2 002, version 4; SOPV 4442 1 051, version 1; SOPT 4442 2 003, version 4; SOPV 4442 1 021, version 4; SOPV 4442 1 022, version 4; SOPT 4442 2 001, version 3 ; PI 4401 0 011, version 1; Architect i2000 SR; Liaison XL; cobas pure	Serum	A, B, C, D
33.	Detection of nucleic acids of infectious agents	Real-Time PCR (automated)	SOPV 4443 3 002, version 1; SOPV 4443 3 005, version 2 ; PI 4401 0 011, version 1; Alinity m; GeneXpert	Plasma, serum	A, B, C, D

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Ordinal Number	Analyte/parameter/diagnostics	Principle of examination	Identification of method procedure/ equipment	Examined material	Degrees of freedom ¹
813 - Allergology and Immunology Laboratory					
1.	Antibodies	Indirect immunofluorescence	SOPV 3749 2 001, version 1; SOPV 3749 2 002, version 1; SOPT 3749 8 003, version 2; PI 4401 0 011, version 1; IF Sprinter; Mikroskop Olympus BX43	Serum	A, B, C, D
2.	Antibodies against tissue transglutaminase	Immunoassay with luminometric detection	SOPV 3749 3 004, version 1; SOPT 3749 8 004, version 3; PI 4401 0 011, version 1; Bio-Flash	Serum	A, B, D
3.	Antibodies against proteinase 3 and myeloperoxidase	Immunoassay with luminometric detection	SOPV 3749 3 003, version 1; SOPT 3749 8 004, version 3; PI 4401 0 011, version 1; Bio-Flash	Serum	A, B, D
4.	Immunophenotyping of cell populations	Flow cytometry	SOPV 3749 4 002, version 1; SOPT 3749 8 007, version 6; PI 4401 0 011, version 1; DxFLEX	Blood	A, B, C

Specification of the scope of accreditation:

Field Nr. / Ordinal Number	Detailed information on activities within the scope of accreditation
802/1	Bacteria, yeast, mould fungi
802/2	Bacteria, yeast

List of activities within the flexible scope of accreditation

Field Nr. / Ordinal Number	Detailed information on activities within the scope of accreditation
802/3	Bacteria
802/4	Bacteria, yeast, mould fungi
802/5	Bacteria, yeast, mould fungi
802/6	Bacteria, yeast, mould fungi
802/7	Yeast, mould fungi
802/8	Yeast, mould fungi
802/9	Bacteria, yeast, mould fungi
802/10	Bacteria
802/11	Bacteria, yeast
802/12	Bacteria, yeast
802/13	Bacteria, yeast
802/14	Bacteria, yeast, mould fungi
802/15	Bacteria, yeast
802/16	Bacteria, yeast
802/17	Bacteria
802/18	Bacteria, yeast, mould fungi
802/19	Bacteria
802/24	Bacteria
802/25	Bacteria
802/26	Bacteria
802/27	<i>Streptococcus pneumoniae</i> , <i>Legionella pneumophila</i>
802/28	Bacteria, yeast, mould fungi
802/29	Bacteria, yeast, mould fungi
802/30	Bacteria, yeast, mould fungi
802/31	HBsAg, HBsAg cconfirmation
802/32	Anti-HAV IgG, anti-HAV IgM, anti-HBs, anti-HBc, anti-HBc IgM, anti-HBe, anti-HCV, <i>Bordetella pertussis</i> ve třídě IgG a IgA, antibodies to <i>Treponema pallidum</i> total; <i>Toxoplasma gondii</i> vin classes IgG a IgM

List of activities within the flexible scope of accreditation

Field Nr. / Ordinal Number	Detailed information on activities within the scope of accreditation
802/33	DNA HBV (Hepatitis B virus), RNA HCV (Hepatitis C virus), DNA CMV (Cytomegalovirus), DNA EBV (Epstein-Barr virus)
813/1	Antibodies against nuclear antigens (ANA IgG), antibodies against double-stranded DNA (anti-dsDNA IgG)
813/2	Antibodies against tissue transglutaminase in the classes IgA a IgG (anti-tTG IgA, anti-tTG IgG)
813/3	Antibodies against proteinase 3 (anti-PR3 IgG) and myeloperoxidase (anti-MPO IgG)
813/3	T lymphocytes (CD3+), Th lymphocytes (CD3+CD4+), Tc lymphocytes (CD3+CD8+), B lymphocytes (CD19+), NK cells (CD3-CD16+CD56+)

Explanatory notes:

¹ Established degrees of freedom according to MPA 00-09-...:

A – Flexibility concerning the documented examination/ sample collection procedure

B – Flexibility concerning the technique

C – Flexibility concerning the analytes / parameters

D – Flexibility concerning the examined material

If no degree of freedom is specified, the laboratory cannot apply a flexible approach to the scope of accreditation for this examination.

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