

**The Appendix is an integral part of  
Certificate of Accreditation No. 40/2025 of 27/01/2025**

**Accredited entity according to ČSN EN ISO 15189 ed. 3:2023:**

**Fakultní nemocnice Brno**  
CAB Number 8060, Institute of Laboratory Medicine  
Jihlavská 340/20, 625 00 Brno

**Medical laboratory locations:**

1. **Clinical Biochemistry Department (OKB), NBP Workplace**  
Jihlavská 340/20, 625 00 Brno
2. **Clinical Biochemistry Department (OKB), NBP Workplace, Obilní trh**  
Obilní trh 526/11, 625 00 Brno
3. **Clinical Microbiology and Immunology Department (OKMI)**  
Jihlavská 340/20, 625 00 Brno

*The laboratory applies a flexible approach to the scope of accreditation.*

*The current "List of activities within the flexible scope" is available on the website  
<https://www.fnbrno.cz/areal-bohunice/ustav-laboratorni-mediciny/management-kvality/t7857>*

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

**Examinations:**

Ordinal Number	Analyte/ parameter/diagnostics	Principle of examination	Identification of procedure/equipment	Examined material	Degrees of freedom <sup>1</sup>
<b>801 – Clinical Biochemistry</b>					
1.	Minerals	Potentiometry	Commercial procedure	Serum, plasma, urine	A, B, C
2.	Minerals	Absorption spectrophotometry	Commercial procedure	Serum, plasma, urine	A, B, C
3.	Enzymes	Absorption spectrophotometry	Commercial procedure	Serum, plasma	A, B, C
4.	Glucose	Absorption spectrophotometry	Commercial procedure	Serum, plasma, cerebrospinal fluid	A, B
5.	Lipids	Absorption spectrophotometry	Commercial procedure	Serum, plasma	A, B, C
6.	Non-protein nitrogenous compounds	Absorption spectrophotometry	Commercial procedure	Serum, plasma, urine	A, B, C

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Ordinal Number	Analyte/ parameter/diagnostics	Principle of examination	Identification of procedure/equipment	Examined material	Degrees of freedom <sup>1</sup>
7.	Proteins	Absorption spectrophotometry	Commercial procedure	Serum, plasma, urine, cerebrospinal fluid	A, B, C
8.	Pigments	Absorption spectrophotometry	Commercial procedure	Serum, plasma	A, B, C
9.	Lactate	Absorption spectrophotometry	Commercial procedure	Plasma, cerebrospinal fluid	A, B
10.	Glycated haemoglobin (HbA1c)	High-Performance Liquid Chromatography	Commercial procedure	Blood	A, B
<b>813 - Allergology and Immunology Laboratory</b>					
1.	Immunoglobulins	Immunoturbidimetry	Commercial procedure	Serum, plasma	A, B, C
2.	C-reactive protein (CRP)	Immunoturbidimetry	Commercial procedure	Serum, plasma	A, B
3.	Proteins	Immunonephelometry	Commercial procedure	Cerebrospinal fluid, urine	A, B, C
4.	Immunoglobulins	Immunonephelometry	Commercial procedure	Cerebrospinal fluid	A, B, C
5.	Specific proteins	Immunonephelometry	Commercial procedure	Serum, plasma	A, B, C
<b>815 - Nuclear Medicine Laboratory</b>					
1.	Cardiac markers	Immunoassay with luminometric detection	Commercial procedure	Serum, plasma	A, B, C
2.	Hormones	Immunoassay with luminometric detection	Commercial procedure	Serum, plasma	A, B, C
3.	Hormones	Immunoassay with luminometric detection	Commercial procedure	Serum, plasma	A, B, C

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

**Examinations:**

Ordinal Number	Analyte/parameter/diagnostics	Principle of examination	Identification of procedure/equipment	Examined material	Degrees of freedom <sup>1</sup>
<b>801 – Clinical Biochemistry</b>					
1.	Minerals	Potentiometry	Commercial procedure	Serum, plasma, urine	A, B, C
2.	Minerals	Absorption spectrophotometry	Commercial procedure	Serum, plasma, urine	A, B, C
3.	Enzymes	Absorption spectrophotometry	Commercial procedure	Serum, plasma	A, B, C
4.	Glucose	Absorption spectrophotometry	Commercial procedure	Serum, plasma	A, B
5.	Non-protein nitrogenous compounds	Absorption spectrophotometry	Commercial procedure	Serum, plasma, urine	A, B, C
6.	Proteins	Absorption spectrophotometry	Commercial procedure	Serum, plasma, urine	A, B, C
7.	Pigments	Absorption spectrophotometry	Commercial procedure	Serum, plasma	A, B, C
<b>813 - Allergology and Immunology Laboratory</b>					
1.	C-reactive protein (CRP)	Immunoturbidimetry	Commercial procedure	Serum, plasma	A, B

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**3. Clinical Microbiology and Immunology Department (OKMI)**

**Examinations:**

Ordinal Number	Analyte/ parameter/diagnostics	Principle of examination	Identification of procedure/equipment	Examined material	Degrees of freedom <sup>1</sup>
<b>802 – Medical Microbiology</b>					
1.	Microbiological examination of the lower respiratory tract	Microscopy; Aerobic culture Anaerobic culture	Published procedure	Material of lower respiratory tract	A, B, C, D
2.	Microbiological examination of upper respiratory tract	Aerobic culture	Published procedure	Material of upper respiratory tract	A, B, C, D
3.	Clinically relevant antibiotic resistance screening	Aerobic culture	Published procedure	Clinical material	A, B, C, D
4.	Microbiological examination of clinical material	Aerobic culture	Published procedure	Clinical material	A, B, C, D
5.	Microbiological examination of foreign bodies	Aerobic culture	Published procedure	Foreign bodies	A, B, C, D
6.	Microbiological examination of clinical material	Microscopy; Aerobic culture; Anaerobic culture	Published procedure	Clinical material	A, B, C, D
7.	Microbiological examination of clinical material	Microscopy; Aerobic culture	Published procedure	Clinical material	A, B, D
8.	Identification of the micromycetes	Microscopy; Aerobic culture	Published procedure	Yeast culture, mould fungus	A, B, C

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Ordinal Number	Analyte/ parameter/diagnostics	Principle of examination	Identification of procedure/equipment	Examined material	Degrees of freedom <sup>1</sup>
9.	Identification of the microorganism	Mass spectrometry	Commercial procedure	Microorganism culture	A, B, C, D
10.	Identification of bacteria	Agglutination	Commercial procedure	Bacterial culture	A, B, C
11.	Identification of bacteria	Biochemically	Commercial procedure	Bacterial culture	A, B, C
12.	Microbiological examination of stool	Aerobic culture Anaerobic culture	Published procedure	Stool, rectal swab, swab of stomia	A, B, C
13.	Microbiological examination of urogenital tract	Microscopy; Aerobic culture; Anaerobic culture	Published procedure	Clinical material	A, B, C, D
14.	Microbiological examination of blood and primarily sterile body fluids	Aerobic culture; Anaerobic culture; (automated)	Commercial procedure; Published procedure	Liquid clinical material	A, B, C, D
15.	Quantitative microbiological examination of urine	Aerobic culture	Published procedure	Urine	A, B, C
16.	Qualitative examination of microorganism sensitivity	Disk diffusion test	Published procedure	Microorganism culture	A, B, C, D
17.	Quantitative examination of microorganism sensitivity	Microdilution method; (automated)	Commercial procedure	Microorganism culture	A, B, C, D

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Ordinal Number	Analyte/parameter/diagnostics	Principle of examination	Identification of procedure/equipment	Examined material	Degrees of freedom <sup>1</sup>
18.	Quantitative examination of microorganism sensitivity	Microdilution method; E-test	Commercial procedure	Microorganism culture	A, B, D
19.	Identification of bacterial strains with a severe resistance phenotype	Disc test; Biochemical test	Commercial procedure; Published procedure	Bacterial culture	A, B, C
20.	Parasitological examination for enterobiasis	Microscopy	Published procedure	Perianal imprint	A, B
21.	Parasitological examination of stool and ectoparasites	Microscopy	Published procedure	Stool, ectoparasites	A, B, C
22.	Examination for malaria and other blood tissue parasites	Microscopy	Published procedure	Clinical material	A, B, D
23.	Diagnostics of <i>Trichomonas vaginalis</i>	Microscopy	Published procedure	Clinical material	A, B, D
24.	Diagnostics of urogenital mycoplasma	Aerobic culture	Commercial procedure	Clinical material	A, B, C, D
25.	Detection of a toxigenic strain of <i>Clostridioides difficile</i>	Immunoassay with fluorimetric detection	Commercial procedure	Stool	A, B, C
26.	Detection of a toxigenic strain of <i>Clostridioides difficile</i>	Real-Time PCR	Commercial procedure	Stool	A, B, C

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Ordinal Number	Analyte/ parameter/diagnostics	Principle of examination	Identification of procedure/equipment	Examined material	Degrees of freedom <sup>1</sup>
27.	Antigens of infectious agents	Immunoassay with fluorimetric detection	Commercial procedure	Clinical material	A, B, C, D
28.	Detection of microorganisms	Aerobic culture	Published procedure	Clinical material	A, B, C, D
29.	Detection of microorganisms	Microscopy; Aerobic culture; Anaerobic culture	Commercial procedure; Published procedure	Clinical material	A, B, C, D
30.	Detection of microorganisms	Aerobic culture; Anaerobic culture	Published procedure	Clinical material	A, B, C, D
31.	Antigens of infectious agents	Immunoassay with luminometric detection (automated)	Commercial procedure	Clinical material	A, B, C, D
32.	Antibodies against infectious agents	Immunoassay with luminometric detection (automated)	Commercial procedure	Body fluids	A, B, C, D
33.	Detection of nucleic acids of infectious agents	Real-Time PCR (automated)	Commercial procedure	Clinical material	A, B, C, D

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Ordinal Number	Analyte/parameter/diagnostics	Principle of examination	Identification of procedure/equipment	Examined material	Degrees of freedom <sup>1</sup>
<b>813 - Allergology and Immunology Laboratory</b>					
1.	Antibodies	Indirect immunofluorescence	Commercial procedure	Body fluids	A, B, C, D
2.	Antibodies against tissue transglutaminase	Immunoassay with luminometric detection	Commercial procedure	Body fluids	A, B, D
3.	Antibodies against proteinase 3 and myeloperoxidase	Immunoassay with luminometric detection	Commercial procedure	Body fluids	A, B, D
4.	Immunophenotyping of cell populations	Flow cytometry	In-house procedure	Blood	A, B, C

**Explanatory notes:**

<sup>1</sup> 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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*"This document is an appendix to the certificate of accreditation. In case of any discrepancies between the English and Czech versions, the Czech version shall prevail, both for the certificate appendix and the certificate itself. "*