

**The Appendix is an integral part of  
Certificate of Accreditation No 695/2023 of 28/12/2023**

Accredited entity according to ČSN EN ISO 15189:2013 ed. 2:2013:

**Fakultní nemocnice Olomouc**  
CAB Number 8268, Laboratoře Ústavu mikrobiologie  
Hněvotínská 976/3, 779 00 Olomouc

**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 upper respiratory tract	Aerobic culture	SOP-BAK-A04, Edition 8; Fm_BAK_15_List of Diagnostics for Accredited Methods, Version 1	Swabs from the oral cavity, throat, nasopharynx, nose and tonsils	-
2.	Microbiological examination of clinical material	Aerobic culture; Anaerobic culture	SOP-BAK-A05, Edition 4; SOP-BAK-A02, Edition 9; SOP-BAK-A04, Edition 8; Fm_BAK_15_List of Diagnostics for Accredited Methods, Version 1	Swabs from wounds, tissues, bone grafts and from the fistula and external ear canal	-
3.	Microbiological examination of clinical material	Aerobic culture; Anaerobic culture; Microscopy	SOP-BAK-A05, Edition 4; SOP-BAK-A02, Edition 9; Fm_BAK_15_List of Diagnostics for Accredited Methods, Version 1	Pus, punctate, biopsy material, tissue, bile, bone marrow	-
4.	Microbiological examination of foreign bodies	Aerobic culture	SOP-BAK-A03, Edition 8; Fm_BAK_15_List of Diagnostics for Accredited Methods, Version 1	Vascular cannulas and catheters	-
5.	Microbiological examination of blood	Aerobic culture; Anaerobic culture (automatic)	SOP-BAK-A01, Edition 9; BD Bactec FX	Blood	-
6.	Mycobacteriological examination	Aerobic culture; Microscopy	SOP-TBC-A01, Edition 4; Fm_MIKRO_18_Diagnostic Records: Laboratory: TBC, Version 3	Sputum, endotracheal aspirate, BAL, urine, tissue, cerebrospinal fluid, exudate, pus	-
7.	Mycobacteriological examination	Aerobic culture (automatic)	SOP-TBC-A01, Edition 4; Bactec MGIT 960	Sputum, endotracheal aspirate, BAL, urine, tissue, cerebrospinal fluid, exudate, pus	-

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8.	Qualitative examination of microorganism susceptibility	Disk diffusion test	SOP-ATB-A01, Edition 6; Fm_MIKRO_18_Diagnostic Records: Laboratory: ATB – DISKS, Version 3	Bacterial culture	-
9.	Quantitative examination of microorganism susceptibility	Microdilution method; E-test	SOP-ATB-A02, Edition 5; Fm_MIKRO_18-Diagnostic Records: Laboratory: ATB – ETEST, Version 3; Fm_MIKRO_18_Diagnostic Records: Laboratory: ATB, Version 3	Bacterial culture	-
10.	Identification of microorganism	Phenotyping	SOP-MYK-A01, Edition 6; SOP-MYK-A01-Annex P02_package leaflet ID32C, ref.no. 32200 (BioMerieux); Rice agar ref.no.: 04041 (TRIOS)	Yeast culture	-
11.	Identification of microorganism	Agglutination	SOP-MYK-A01, Edition 6	Yeast culture	-
12.	Identification of microorganism	Mass spectrometry	SOP-MYK-A01, Edition 6; MALDI BIOTYPER	Yeast culture	-
13.	Parasitological examination of stool	Microscopy	SOP-PAR-A01, Edition 5	Stool	-
14.	Rapid plasma reagin (RPR) test	Agglutination	SOP-SER-A01, Edition 6; SOP-SER-A01_Annex P01_package leaflet Syphilis RPR, Dialab_2022_05_12	Serum	-

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15.	Antibodies to infectious agents	Immunoassay with luminometric detection	SOP-SER-A02, Edition 1; SOP-SER-A02_Annex P01_package leaflet Treponema screen Liaison_2023_11_15; SOP-SER-A03, Edition 4; SOP-SER-A03_Annex P01_package leaflet Liaison CMV IgM II_2023_05_26; SOP-SER-A03_Annex P02_package leaflet Liaison CMV IgM II_2023_05_26; SOP-SER-A04, Edition 4; SOP-SER-A04_Annex P03_package leaflet Liaison anti- HBc_2023_05_26; SOP-SER-A04_Annex P04_package leaflet Liaison HBc IgM_2023_05_26; SOP-SER-A05, Edition 4; SOP-SER-A05_Annex P01_package leaflet Liaison XL murex HCV Ab_2023_05_26; Liaison XL	Serum	-
16.	Antigens of infectious agents	Immunoassay with luminometric detection	SOP-SER-A04, Edition 4; SOP-SER-A04_Annex P01_package leaflet Liaison XL murex HBsAg Quant_2023_05_26; SOP-SER-A04_Annex P02_package leaflet Liaison HBsAg Confirmatory test_2023_05_26; Liaison XL	Serum	-

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17.	HIV markers	Immunoassay with luminometric detection	SOP-SER-A06, Edition 4; SOP-SER-A06_Annex P01_package leaflet Liaison XL murex HIV AbAg_2023_05_26; Liaison XL	Serum	-
18.	Detection of nucleic acids of infectious agents	Real-Time PCR	SOP-GEN-A01, Edition 5; SOP-GEN-A01_Annex P01_package leaflet Geneproof MTB PCR kit _2022_06_24; RotorGene-Q	Sputum, endotracheal aspirate, smear, BAL, urine, cerebrospinal fluid, blood, pus, exudate, tissue	-

**Specification of the scope of accreditation:**

Field of expertise / ordinal number	Detailed information on activities within the scope of accreditation
802/1	Bacteria, yeasts, filamentous fungi
802/2	Bacteria, yeasts, filamentous fungi
802/3	Bacteria, yeasts, filamentous fungi
802/4	Bacteria, yeasts, filamentous fungi
802/5	Bacteria, yeasts
802/11	Serotyping of <i>Candida dubliniensis</i>
802/15	Antibodies against <i>Treponema pallidum</i> in IgG class Cytomegalovirus antibodies in IgG, IgM classes Hepatitis B and C virus antibodies (anti-HBc-total, anti-HBc-IgM, anti-HCV)
802/16	HBsAg
802/17	Ab anti HIV 1/2, Ag HIV p24
802/18	DNA of <i>Mycobacterium tuberculosis</i> complex ( <i>M. tuberculosis</i> , <i>M. bovis</i> , <i>M. africanum</i> , <i>M. microti</i> and the BCG vaccination strain)

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**Explanatory notes:**

<sup>1</sup> The laboratory does not apply a flexible approach to the scope of accreditation