

**1. TITLE OF THE PROFESSION**

5 0914 03 05 Klinikai laboratóriumi szakasszisztens (Mikrobiológiai szakasszisztens)

2. TRANSLATED TITLE OF THE PROFESSION

Licensed certified clinical laboratory assistant (Microbiology assistant)
(THIS TRANSLATION HAS NO LEGAL STATUS)

3. PROFILE OF SKILLS AND COMPETENCES

- carry out microbiological tests on various test materials, in accordance with professional rules and using the prescribed methods;
- receive and select the test materials sent to the microbiology laboratory and forward them to the laboratory unit carrying out the tests;
- document work procedures, tests and results and archive laboratory reports in the laboratory IT system;
- examine native and stained smears with a microscope;
- recognise common bacteria of medical importance on the basis of their cultural characteristics in the course of bacteriological diagnostic activities, perform manual and automated work processes and carry out antibiotic sensitivity tests;
- apply the procedures required in virological, mycological and parasitological diagnostic activities;
- prepare solutions and culture media for laboratory work following formulas;
- carry out sterilisation procedures using chemical and physical methods.

4. RANGE OF OCCUPATIONS ACCESSIBLE TO THE HOLDER OF THE CERTIFICATE

3324 Medical laboratory assistant

(*) Explanatory notes:

¹ In the original language. | ² The translation of the designation is provided for information purposes only. | ³ Fill it out if necessary. The certificate supplement provides additional information on the qualification but have no legal value in itself. The format of the description is in conformity with Decision (EU) 2018/646 of the European Parliament and of the Council of 18 April 2018 on a common framework for the provision of better services for skills and qualifications (Europass) and repealing Decision No 2241/2004/EC.

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5. OFFICIAL BASIS OF THE CERTIFICATE

<p>Name and status of the authority issuing the certificate</p>	<p>Name and status of the national/regional authority providing accreditation/recognition of the certificate</p> <p>Ministry for Innovation and Technology</p>																				
<p>Level of the certificate (national or international)</p> <p>NQF level: 5</p> <p>EQF level: 5</p> <p>Digital Competence Framework level: 6</p>	<p>Grading scale / Pass requirements</p> <p>Five -grade: 5 excellent 4 good 3 satisfactory 2 pass 1 fail</p> <p>The prerequisite of being eligible to sit for a sectoral basic examination is the successful completion of all the required training courses, or the recognised prior learning should incorporate the requirements of the sectoral basic examination. The prerequisite of being eligible to sit for a vocational examination is the successful completion of all the training courses and the uninterrupted professional practice required. In case the student is required to pass a sectoral basic examination, latter shall be recognised with the following weighting: The result of the basic sectoral examination will be computed into that of the vocational examination with the following weighting: Sectoral basic examination: 10%, Vocational examination: 90%</p>																				
<p>Certificate number: CXK A</p> <p>Serial number: 123456</p> <p>Certificate issue date: 2023.12.07</p>	<p>Designation of the theoretical and practical subjects of the sectoral basic examination and the vocational examination and their grades according to a five-grade scale</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">Sectoral basic examination : The examination was passed based on recognised prior learning</td> </tr> <tr> <td colspan="2">Vocational examination</td> </tr> <tr> <td colspan="2">central interactive</td> </tr> <tr> <td>Clinical laboratory and microbiology knowledge</td> <td style="text-align: center;">5</td> </tr> <tr> <td colspan="2">project exercise</td> </tr> <tr> <td>Microbiological procedures</td> <td style="text-align: center;">5</td> </tr> <tr> <td colspan="2">Result of the vocational examination in percentage</td> </tr> <tr> <td></td> <td style="text-align: center;">100%</td> </tr> <tr> <td colspan="2">Result of the vocational examination with grades</td> </tr> <tr> <td></td> <td style="text-align: center;">5</td> </tr> </table>	Sectoral basic examination : The examination was passed based on recognised prior learning		Vocational examination		central interactive		Clinical laboratory and microbiology knowledge	5	project exercise		Microbiological procedures	5	Result of the vocational examination in percentage			100%	Result of the vocational examination with grades			5
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<p>Access to next level of education/training</p> <p>To higher education</p>	<p>International agreements</p>																				
<p>Other information concerning the vocational training process</p> <p>The certificate holder enrolled in a certified technician training programme has completed a vocational training programme developed jointly by the vocational training institution and the higher education institution on the basis of a cooperation agreement.</p>																					
<p>Legal basis</p> <p>Government Decree 12/2020 (II. 7.) on the Implementation of the Vocational Education and Training Act, Government Decree 319/2020 (VII. 1.) on the amendment of Government Decree 12/2020 (II. 7.) on the Implementation of the Vocational Education and Training Act, Act LXXX of 2019 on Vocational Education and Training.</p>																					

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE SUPPLEMENT

Description of the sectoral basic training and the theoretical and practical vocational training	Distribution of the total number of hours of the programme
Total duration of the education/training	3483 hours

Entry requirements:

- For a 6-year vocational training programme, elementary school qualification is required; for a 3-year vocational training programme, secondary school-leaving certificate is needed
- Occupational aptitude test is required in accordance with Decree 40/2004 (IV. 26.) ESzCsM of the Minister of Health, Social and Family Affairs

Further information:

VOCATIONAL PRACTICAL SUBJECT	HOURS
Targeted medication	12 hour
Complex clinical simulation practice	12 hour
Vital signs and injection clinical practices	12 hour
Cell biology	12 hour
General nursing and care	12 hour
Basic pharmacology knowledge	12 hour
General laboratory knowledge	12 hour
Basic rehabilitation knowledge and physiotherapy	12 hour
Internal medicine and care	12 hour
Surgery and care	12 hour
Knowledge of clinical diseases and their treatment	12 hour
Clinical practice	12 hour
Organic chemistry and biochemistry	12 hour
Immunology	12 hour
Introduction to genetics	12 hour
Instrumentation and measurement techniques	12 hour
Laboratory basics	12 hour
Diagnostic basics	12 hour
Haematology and transfusion diagnostics	12 hour
Haemostasis diagnostics	12 hour
Microbiological diagnostics	12 hour
Clinical chemistry diagnostics	12 hour
Infectology	12 hour
Microbiology laboratory knowledge	12 hour
Hospital hygiene	12 hour
Bacteriology	12 hour
Virology	12 hour
Mycology	12 hour
Protozoology	12 hour
VOCATIONAL THEORETICAL SUBJECT	HOURS
Vocational knowledge	12 hour
Vocational foreign language knowledge	12 hour
Basics of medical ethics and patient rights	12 hour
Basics of communication	12 hour
Anatomy of the human body	12 hour
Basics of first aid	12 hour
Work safety, patient safety	12 hour
Basic nursing and care	12 hour
Targeted medication	12 hour
Basics of professional chemistry and biochemistry	12 hour
Basics of professional physics and biophysics	12 hour
Health informatics	12 hour
Medical terminology	12 hour
Basics of health law and ethics	12 hour
Cell biology	12 hour
The human body and its functioning	12 hour

Basic hygiene measures	12 hour
General nursing and care	12 hour
Basic pharmacology knowledge	12 hour
Communication	12 hour
General laboratory knowledge	12 hour
Basic rehabilitation knowledge and physiotherapy	12 hour
Basics of sociology	12 hour
Basics of psychology	12 hour
Public health, health promotion	12 hour
Basic pedagogical and patient education knowledge	12 hour
Internal medicine and care	12 hour
Surgery and care	12 hour
Knowledge of clinical diseases and their treatment	12 hour
Obstetrical and gynaecological clinical practice	12 hour
Neurological clinical practice	12 hour
Psychiatric clinical practice	12 hour
Geriatric clinical practice	12 hour
Organic chemistry and biochemistry	12 hour
Immunology	12 hour
Introduction to genetics	12 hour
Instrumentation and measurement techniques	12 hour
Laboratory basics	12 hour
Diagnostic basics	12 hour
Haematology and transfusion diagnostics	12 hour
Haemostasis diagnostics	12 hour
Microbiological diagnostics	12 hour
Clinical chemistry diagnostics	12 hour
Infectology	12 hour
Microbiology laboratory knowledge	12 hour
Epidemiology	12 hour
Environmental health, occupational health, health policy	12 hour
General bacteriology	12 hour
Bacteriology in detail	12 hour
Basics of bacteriological diagnostics, antibiotics and susceptibility testing	12 hour
Organismal bacteriology	12 hour
General virology	12 hour
Virology in detail	12 hour
Organismal virology	12 hour
Mycology	12 hour
Protozoology	12 hour
Helminthology	12 hour
Continuous field practice	160 hour
Altogether	1192 hour

Link to the Training and Outcome Requirements and the Programme Plans: <https://ikk.hu>

The present diploma supplement was elaborated in compliance with Government Decree 12/2020 (II. 7.) on the implementation of the Act on Vocational Education and Training.

National Reference Point: National Office of Vocational Education and Training and Adult Learning: <https://nrk.nive.hu>

Head of Examination Organiser:
Issue date: 2023.12.07

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