

**The Appendix is an integral part of  
Certificate of Accreditation No 164/2024 of 10/04/2024**

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

**Krajská nemocnice Liberec, a.s.**  
CAB Number 8306, PATOS Center – Laboratories  
Husova 1430/34, Liberec I-Staré Město, 460 01 Liberec

**Medical laboratory locations:**

1. **PAT – Department of Pathology** Husova 1430/34, 460 01 Liberec 1
2. **TOXI – Department of Forensic Medicine and Toxicology** Husova 1430/34, 460 01 Liberec 1
3. **OGMD – Department of Genetics and Molecular Diagnostics** Husova 1430/34, 460 01 Liberec 1

*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 [Centrum PATOS – Krajská nemocnice Liberec \(nemlib.cz\)](http://CentrumPATOS-KrajskaNemocniceLiberec.nemlib.cz)*

**1. PAT – Department of Pathology**

**Examinations:**

Ordinal Number	Analyt / Analyte/ parameter/diagnostics	Principle of examination	Identification of procedure/ equipment	Examined material	Degrees of freedom <sup>1</sup>
<b>823 - Pathology Laboratory</b>					
1.	Histological examination of tissue and diagnostics	Microscopy	Published procedure; In-house procedure	Tissues	A, B
2.	Cytological examination and diagnostics	Microscopy	Published procedure; In-house procedure	Cells	A, B
3.	Immunohistochemical and immunocytochemical examination of antigens	Microscopy	Commercial procedure; Published procedure; In-house procedure	Tissues and cells	A, B, C
4.	Peroperational histological and cytological examination and diagnostics	Microscopy	Published procedure; In-house procedure	Tissues and cells	A, B
5.	Examination of histological and cytological samples	In-situ hybridization	Commercial procedure; Published procedure; In-house procedure	Tissues and cells	A, B, C



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Ordinal Number	Analyt / Analyte/ parameter/diagnostics	Principle of examination	Identification of procedure/ equipment	Examined material	Degrees of freedom <sup>1</sup>
6.	Examination of somatic genome variants	Real-Time PCR	Commercial procedure	Biological material containing human tumor DNA/RNA	A, B, C, D
7.	Examination of somatic genome variants	Real-Time PCR	Commercial procedure	Biological material containing human tumor DNA/RNA	A, B, C, D
8.	Examination of somatic genome variants	PCR with reverse hybridization	Commercial procedure	Biological material containing human tumor DNA/RNA	A, B, C, D
9.	Examination of somatic genome variants	NGS-MPS	Commercial procedure	Biological material containing human tumor DNA/RNA	A, B, C, D



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2. TOXI – Department of Forensic Medicine and Toxicology

Examinations:

Ordinal Number	Analyte/ parameter/diagnostics	Principle of examination	Identification of procedure/ equipment	Examined material	Degrees of freedom <sup>1</sup>
<b>814 - Toxicological Laboratory</b>					
1.	Ethyl alcohol	GC-FID	In-house procedure	Blood, serum, urine	A, B
2.	Ethyl alcohol	Enzymatic method with alcohol dehydrogenase	Commercial procedure	Blood, serum, urine	A, B
3.	Screening nox	Immunochemical test	Commercial procedure	Urine	A, B, C
4.	Detection of volatile substances	GC-FID	In-house procedure	Blood, serum, urine	A, B



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3. OGMD – Department of Genetics and Molecular Diagnostics

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.	Detection of nucleic acids of infectious agents	Real-Time PCR	Commercial procedure	Clinical material	A, B, C, D
<b>816 – Medical Genetics Laboratory</b>					
1.	Examination of germline genome variants	Real-Time PCR	Commercial procedure	Biological material containing human DNA/RNA	A, B, C, D

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.

NGS-MPS

Massively parallel sequencing

GC-FID

Gas Chromatography with Flame Ionization Detection

Real-Time PCR

Real-Time Polymerase Chain Reaction

