

**The Appendix is an integral part of  
Certificate of Accreditation No. 392/2023 ze dne: 19/07/2023**

**Accredited entity according to ČSN EN ISO 15189:2013:**

**Krajská zdravotní, a.s. - Masarykova nemocnice v Ústí nad Labem, o.z.**

CAB Number 8226, Laboratory of the Department of Medical Genetics

Sociální péče 3316/12a, Severní Terasa, 400 11 Ústí nad Labem

*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.kzcr.eu/cz/ul/pro-pacienty/zdravotnicka-pracoviste/genetika/>.*

**Examinations:**

Ordinal Number	Analyte/parameter/diagnostics	Principle of examination	Identification of procedure/ equipment	Examined material	Degrees of freedom <sup>1</sup>
<b>816 – Medical Genetics Laboratory</b>					
1.	Examination of constitutional karyotype	Cytogenetic analysis	Published procedure	Biological material containing core DNA	A, B, D
2.	Examination of constitutional chromosomal aberrations	FISH	Published procedure; Commercial procedure	Biological material containing core DNA	A, B, D
3.	Examination of germline genome variants	PCR with fragment analysis	Commercial procedure	Biological material containing DNA	A, B, C, D
4.	Examination of germline genome variants	PCR with fragment analysis	Commercial procedure	Biological material containing DNA	A, B, C, D
5.	Examination of germline genome variants	QF-PCR	Commercial procedure	Biological material containing DNA	A, B, C, D
6.	Examination of germline genome variants	aCGH	Commercial procedure	Biological material containing DNA	A, B, D
7.	Examination of germline genome variants	PCR with fragment analysis	Commercial procedure	Biological material containing DNA	A, B, C, D



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**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.

aCGH	<i>Array Comparative Genome Hybridization</i>
DNA	<i>Deoxyribonucleic Acid</i>
FISH	<i>Fluorescence In Situ Hybridization</i>
PCR	<i>Polymerase Chain Reaction</i>
QF-PCR	<i>Quantitative Fluorescence Polymerase Chain Reaction</i>

