

**The Appendix is an integral part of
Certificate of Accreditation No. 20/2024 of 18/01/2024**

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

REPROMEDA s.r.o.

CAB Number 8153, Laboratory of Medical and Reproductive Genetics

Studentská 812/6, Bohunice, 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.repromedalab.cz/laboratorni-prirucka-a-certifikaty>

Examinations:

Ordinal Number	Analyte/ parameter/diagnostics	Principle of examination	Identification of procedure/ equipment	Examined material	Degrees of freedom ¹
816 – Medical Genetics Laboratory					
1.	Examination of constitutional karyotype	Conventional cytogenetic analysis	In-house procedure	Peripheral blood	A, B
2.	Examination of unbalanced chromosomal aberrations	NGS-MPS	Commercial procedure; In-house procedure	Biological material containing genomic DNA	A, B
3.	Reserved				
4.	Preimplantation genetic testing of germline genome variants (PGT)	Karyomapping	Commercial procedure; In-house procedure	Biological material containing genomic DNA	A, B, C
5.	Reserved				
6.	SMN1 gene examination	MLPA	Commercial procedure	Biological material containing genomic DNA	A, B
7.	Reserved				
8.	Examination of germline genome variants	NGS-MPS	Commercial procedure; In-house procedure	Biological material containing genomic DNA	A, B, C
9.	Reserved				
10.	Examination of germline genome variants	NGS-MPS	Commercial procedure; In-house procedure	Biological material containing genomic DNA	A, B, C

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Explanatory notes:

¹ 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

MLPA Multiplex ligation-dependent probe amplification

PCR Polymerase Chain Reaction