

**The Appendix is an integral part of
Certificate of Accreditation No. 123/2025 of 13/03/2025**

Accredited entity according to ČSN EN ISO 15189 ed. 3:2023:

Fakultní nemocnice v Motole
CAB Number 8058, IBMG Laboratories
V Úvalu 84/1, Motol, 150 06 Praha 5

*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.fnmotol.cz/kliniky-a-ambulance/ublg/#akreditace-csn-en-iso-15189>*

Examinations:

Ordinal Number	Analyte/parameter/diagnostics	Principle of examination	Identification of method procedure/equipment	Examined material	Degrees of freedom ¹
816 – Medical Genetics Laboratory					
1.	Examination of germline genome variants	Fragment analysis	Commercial procedure; Published procedure	Biological material containing genomic DNA	A, B, C
2.	Examination of germline genome variants	Direct sequencing (acc. to Sanger)	Published procedure	Biological material containing genomic DNA	A, B, C
3.	Examination of germline genome variants	MLPA	Commercial procedure	Biological material containing genomic DNA	A, B, C
4.	Examination of germline genome variants	NGS-MPS	Commercial procedure	Biological material containing genomic DNA	A, B, C, D
5.	Examination of unbalanced chromosomal aberrations	array CGH	Commercial procedure	Biological material containing nuclear DNA	A, B, D
6.	Examination of constitutional karyotype	Conventional cytogenetic analysis	Published procedure	Biological material containing nuclear DNA	A, B, D
7.	Examination of acquired chromosomal aberrations	Microscopy	Published procedure	Peripheral blood	A, B

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8.	Examination chromosomal aberrations	FISH	Commercial procedure	Peripheral blood, fetal blood, umbilical cord blood amniotic fluid, chorionic villi, aborted tissue, buccal mucosa and skin biopsy	A, B
Laboratory examinations for IVF					
1.	Semen evaluation	Macroscopy; Microscopy	Published procedure	Semen	A, B

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

array CGH oligonucleotide array comparative genomic hybridization on chip

MLPA hybridization and ligation of probes followed by multiplex polymerase reaction

FISH fluorescence *in situ* hybridization

"This document is an appendix to the certificate of accreditation. In case of any discrepancies between the English and Czech versions, the Czech version shall prevail, both for the certificate appendix and the certificate itself. "