



**EA MLA Signatory**  
**Český institut pro akreditaci, o.p.s.**  
(Czech Accreditation Institute)  
Hájkova 2747/22, Žižkov, 130 00 Praha 3

issues

according to section 16 of Act No. 22/1997 Coll., on technical requirements for products and on changes and amendments to some Acts, as amended

## CERTIFICATE OF ACCREDITATION

No. 631/2025

**GENNET, s.r.o.**  
with registered office Kostelní 292/9, 170 00 Praha 7  
Company Registration No. 27080234

for the Medical Laboratory No. **8068**  
GENNET Laboratories

### Scope of accreditation:

Cytogenetic and molecular genetic examinations including preimplantation genetic testing of embryos, laboratory andrology for IVF and examinations in allergology and clinical immunology to the extent as specified in the appendix to this Certificate.

This Certificate of Accreditation is a proof of accreditation issued on the basis of assessment of fulfillment of the accreditation criteria in accordance with

ČSN EN ISO 15189 ed. 3:2023

In its activities performed within the scope and for the period of validity of this Certificate, the abovementioned Accredited Body is entitled to refer to this Certificate, provided that the accreditation is not suspended and the Accredited Body meets the specified accreditation requirements in accordance with the relevant regulations applicable to the activity of an accredited conformity assessment body.

This Certificate of Accreditation replaces, to the full extent, Certificate No.: 534/2024 of 10/10/2024, and/or any administrative acts building upon it.

The Certificate of Accreditation is valid until: **28/03/2027**

Prague: 05/12/2025



Signed in the Czech original:  
Milena Lochmanová on 05/12/2025

Milena Lochmanová  
Director of the Department  
of Medical Laboratories  
Czech Accreditation Institute

This translation of the Czech original has been issued by: Jana Chvalovská

**The Appendix is an integral part of  
Certificate of Accreditation No. 631/2025 of 5. 12. 2025**

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

**GENNET, s.r.o.**  
CAB Number 8068, GENNET Laboratories  
Kostelní 292/9, 170 00 Praha 7

**Medical laboratory locations:**

1. <b>Molecular Genetics Laboratory</b>	Pekařská 635/6, 158 00 Praha 5
2. <b>Cytogenetics Laboratory - Pekařská</b>	Pekařská 635/6, 158 00 Praha 5
3. <b>PGT Laboratory</b>	Pekařská 635/6, 158 00 Praha 5
4. <b>Cytogenetics Laboratory – Liberec</b>	Liliová 118/1, 460 01 Liberec
5. <b>IVF Laboratory – Liberec</b>	Liliová 118/1, 460 01 Liberec
6. <b>IVF Laboratory – Letná</b>	Kostelní 292/9, 170 00 Praha 7
7. <b>IVF Laboratory – Archa</b>	Na Poříčí 1046/24, 110 00 Praha 1
8. <b>Immunology Laboratory</b>	Na Poříčí 1046/24, 110 00 Praha 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 [www.gennet.cz/dokumenty-k-akreditaci-laboratori](http://www.gennet.cz/dokumenty-k-akreditaci-laboratori) a [www.gntlabs.cz/akreditace](http://www.gntlabs.cz/akreditace)*

**1. Molecular Genetics Laboratory**

**Examination:**

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 germline genome variants	Real-Time PCR	Commercial procedure; In-house procedure	Biological material containing human nucleic acid	A, B, C
2.	Examination of germline genome variants	PCR with fragment analysis	Commercial procedure; In-house procedure	Biological material containing human nucleic acid	A, B, C
3.	Examination of germline genome variants	Direct sequencing	In-house procedure	Biological material containing human nucleic acid	A, B, C
4.	Examination of germline genome variants	NGS-MPS	In-house procedure	Biological material containing human nucleic acid	A, B, C
5.	Non-invasive prenatal testing of genome variants (NIPT)	NGS-MPS	Commercial procedure	Blood	A, B, C

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Ordinal Number	Analyte/parameter/diagnostics	Principle of examination	Identification of procedure/equipment	Examined material	Degrees of freedom <sup>1</sup>
6.	Examination of germline genome variants	MLPA	Commercial procedure	Biological material containing human nucleic acid	A, B, C
7.	Chromosome aneuploidy testing	PCR with fragment analysis	Commercial procedure; In-house procedure	Biological material containing human nucleic acid	A, B, C

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**2. Cytogenetics Laboratory – Pekařská**

**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	Conventional cytogenetic analysis	Published procedure	Peripheral blood, amniotic fluid, chorionic villi	A, B
2.	Examination of chromosomal aberrations	FISH	Commercial procedure; Published procedure	Peripheral blood, amniotic fluid, chorionic villi	A, B
3.	Examination of unbalanced chromosomal aberrations and germinal genome variants	SNP array	Commercial procedure	Biological material containing human nucleic acid	A, B

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**3. PGT Laboratory**

**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.	Preimplantation genetic testing of genome variants (PGT)	Karyomapping	Commercial procedure; In-house procedure	Biological material containing human genome DNA	A, B, C, D
2.	Preimplantation genetic testing of genome variants (PGT)	NGS-MPS	In-house procedure	Biological material containing human genome DNA	A, B, C, D

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**4. Cytogenetics laboratory – Liberec**

**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	Conventional cytogenetic analysis	Published procedure	Biological material containing human nuclear DNA	A, B, D

**5. IVF Laboratory – Liberec**

**Examinations:**

Ordinal Number	Analyte/parameter/diagnostics	Principle of examination	Identification of procedure/equipment	Examined material	Degrees of freedom <sup>1</sup>
<b>Laboratory examinations for IVF</b>					
1.	Evaluation of ejaculate	Macroscopy; Microscopy	Published procedure	Ejaculate	A, B

**6. IVF Laboratory – Letná**

**Examinations:**

Ordinal Number	Analyte/parameter/diagnostics	Principle of examination	Identification of procedure/equipment	Examined material	Degrees of freedom <sup>1</sup>
<b>Laboratory examinations for IVF</b>					
1.	Evaluation of ejaculate	Macroscopy; Microscopy	Published procedure	Ejaculate	A, B

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**7. IVF Laboratory – Archa**

**Examinations:**

Ordinal Number	Analyte/parameter/diagnostics	Principle of examination	Identification of procedure/equipment	Examined material	Degrees of freedom <sup>1</sup>
<b>Laboratory examinations for IVF</b>					
1.	Evaluation of ejaculate	Macroscopy; Microscopy	Published procedure	Ejaculate	A, B

**8. Immunology Laboratory**

**Examinations:**

Ordinal Number	Analyte/parameter/diagnostics	Principle of examination	Identification of procedure/equipment	Examined material	Degrees of freedom <sup>1</sup>
<b>813 - Allergology and Immunology Laboratory</b>					
1.	Immunoglobulins	Immunoturbidimetry	Commercial procedure	Serum, plasma	A, B, C
2.	Specific proteins	Immunoturbidimetry	Commercial procedure	Serum, plasma	A, B, C
3.	Autoantibodies	Immunoassays with fluorimetric detection	Commercial procedure	Serum, plasma	A, B, C
4.	Autoantibodies	Indirect immunofluorescence	Commercial procedure	Serum, plasma	A, B, C
5.	Specific IgE	Immunoassay with fluorimetric detection	Commercial procedure	Serum, plasma	A, B
6.	Immunophenotyping of cell populations	Flow cytometry	Commercial procedure	Blood	A, B, C
7.	Anti-Müllerian hormone (AMH)	Immunoassay with luminometric detection	Commercial procedure	Serum, plasma	A, B

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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

E – Flexibility concerning the POCT delivery points

If no degree of freedom is specified, the laboratory cannot apply a flexible approach to the scope of accreditation for this examination.

FISH	Fluorescence <i>In Situ</i> Hybridization
MLPA	Multiplex Ligation-Dependent Probe Amplification
NGS-MPS	Massive parallel sequencing
PCR	Polymerase chain reaction
Real-Time PCR	PCR Polymerase chain reaction in real time
SNP Array	Whole genome screening utilizing the known single-nucleotide-polymorphism
Direct sequencing	Sanger sequencing

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*"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."*