

**The Appendix is an integral part of
Certificate of Accreditation No. 231/2024 ze of 20/05/2024**

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

GHC GENETICS, s.r.o.
CAB Number 8124, GHC GENETICS Laboratory
V Holešovičkách 1156/29, 182 00 Praha 8

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.ghcgnetics.cz/pro-lekare/ke-stazeni>.*

Examinations:

Ordinal Number	Analyte/ parameter/diagnostics	Principle of examination	Identification of procedure/equipment	Examined material	Degrees of freedom ¹
802 – Medical Microbiology					
1.	Detection of nucleic acids of infectious agents	Real-Time PCR	Commercial procedure	Biological material containing nucleic acid	A, B, C, D
2.	HIV markers	Immunoassay with luminometric detection	Commercial procedure	Serum, plasma	A, B
3.	Antibodies against infectious agent	Immunoassay with luminometric detection	Commercial procedure	Serum, plasma	A, B, C
4.	Antigens of infectious agents	Immunoassay with luminometric detection	Commercial procedure	Serum, plasma	A, B, C
5.	Reagin test (RPR)	Agglutination	Commercial procedure	Serum, plasma	A, B
813 - Laboratoř alergologická a imunologická					
1.	HLA system examination	PCR with reverse hybridization	Commercial procedure	Biological material containing nucleic acid	A, B, C, D
816 – Medical Genetics Laboratory					
1.	Examination of germline genome	Real-Time PCR	Commercial procedure; In-house procedure	Biological material containing nucleic acid	A, B, C, D
2.	Examination of germline genome	MLPA	Commercial procedure	Biological material containing nucleic acid	A, B, C, D
3.	Examination of germline genome	NGS-MPS	Commercial procedure; In-house procedure	Biological material containing nucleic acid	A, B, C, D

**The Appendix is an integral part of
Certificate of Accreditation No. 231/2024 ze of 20/05/2024**

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

GHC GENETICS, s.r.o.
CAB Number 8124, GHC GENETICS Laboratory
V Holešovičkách 1156/29, 182 00 Praha 8

Ordinal Number	Analyte/ parameter/diagnostics	Principle of examination	Identification of procedure/equipment	Examined material	Degrees of freedom ¹
4.	Examination of somatic genome	NGS-MPS	Commercial procedure; In-house procedure	Biological material containing nucleic acid	A, B, C, D
5.	Examination of germline genome variants	PCR with fragment analysis	Commercial procedure; In-house procedure	Biological material containing nucleic acid	A, B, C, D
6.	HLA system examination	PCR with reverse hybridization	Commercial procedure	Biological material containing nucleic acid	A, B, C, D

Primary sample collection:

Ordinal Number	Sample collection technique	Identification of sample collection procedure	Collected material	Degrees of freedom ¹
1.	Venepuncture	Published procedure	Venous blood	A, B
2.	Buccal swab	Published procedure	Oral mucosa cells	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.

HLA Human Leucocyte Antigen

MLPA Multiplex Ligation-dependent Probe Amplification

NGS-MPS Massive parallel sequencing

PCR Polymerase Chain Reaction

Real-Time PCR Real-Time Polymerase Chain Reaction