

**The Appendix is an integral part of  
Certificate of Accreditation No. 616/2023 of 15/11/2023**

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

**Centrum kardiovaskulární a transplantační chirurgie Brno**  
CAB Number 8257, Genetics Laboratory  
Výstavní 17/19, 603 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 [www.cktch.cz/geneticka-laborator/d1019](http://www.cktch.cz/geneticka-laborator/d1019)*

**Examinations:**

Ordinal Number	Analyte/ parameter/diagnostics	Principle of examination	Identification of procedure/ equipment	Examined material	Degrees of freedom <sup>1</sup>
<b>802 – Medical Microbiology</b>					
1.	Detection of nucleic acids of infectious agents	Real-Time PCR	Commercial procedure	Clinical material	A, B, C, D
<b>816 – Medical Genetics Laboratory</b>					
1.	Examination of germline genome variants	Sanger sequencing	In-house procedure	Biological material containing human DNA	A, B, C, D
2.	Examination of apolipoprotein B-100	ARMS; ACRS	In-house procedure	Biological material containing human DNA	A, B, D
3.	Examination of apolipoprotein E	PCR and restriction analysis	In-house procedure	Biological material containing human DNA	A, B, D
4.	Examination of germline genome variants	Real-Time PCR	Commercial procedure	Biological material containing human DNA	A, B, C, D
5.	Examination of germline genome variants	NGS-MPS	In-house procedure	Biological material containing human DNA	A, B, C, D

**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.

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ARMS	Amplification Refractory Mutation System
ACRS	Amplification Created Restriction Site
NGS-MPS	Next Generation Sequencing – Massively Parallel Sequencing
PCR	Polymerase Chain Reaction
Real-Time PCR	Poly Chain Reaction in real time