

**The Appendix is an integral part of
Certificate of Accreditation No. 568/2023 of 27/10/2023**

Accredited entity according to ČSN EN ISO 15189:2013:

Fakultní nemocnice Olomouc
CAB Number 8251, Immunology Department Laboratories
Hněvotínská 976/3, 775 15 Olomouc

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.fnol.cz/kliniky-ustavy-oddeleni/ustav-imunologie

Examinations:

Ordinal Number	Analyte/ parameter/diagnostics	Principle of examination	Identification of procedure/ equipment	Examined material	Degrees of freedom ¹
813 - Allergy and Immunology Laboratory					
1.	Immunoglobulins	Immunonephelometry	Commercial procedure	Serum	A, B, C
2.	Specific proteins	Immunonephelometry	Commercial procedure	Serum	A, B, C
3.	Autoantibodies	Indirect immunofluorescence	Commercial procedure	Serum	A, B, C
4.	Autoantibodies	Immunoassay with photometric detection	Commercial procedure	Serum	A, B, C
5.	Autoantibodies	Immunoassay with photometric detection	Commercial procedure	Serum	A, B, C
6.	Specific IgE	Immunoassay with fluorimetric detection	Commercial procedure	Serum	A, B
7.	Immunophenotyping of cell population	Flow cytometry	In-house procedure	Blood	A, B, C
8.	HLA system examination	PCR-SSP	Commercial procedure	Biological material containing nuclear DNA	A, B, C
9.	HLA system examination	Real-Time PCR	Commercial procedure	Biological material containing nuclear DNA	A, B, C
10.	HLA system examination	NGS-MPS	Commercial procedure	Biological material containing nuclear DNA	A, B, C
11.	Examination of antiHLA antibodies	xMAP technology	Commercial procedure	Serum	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.

HLA	Major histocompatibility complex of humans (<i>Human leukocyte antigens</i>)
NGS-MPS	Next Generation Sequencing – Massively Parallel Sequencing
PCR-SSP	Polymerase Chain Reaction with Sequence Specific Primers
Real-Time PCR	Real-Time Polymerase Chain Reaction
xMAP	Methodology for multiplex determination of analytes (antiHLA antibodies in this case) using diagnostic microparticles as solid phase