

**The Appendix is an integral part of  
Certificate of Accreditation No. 429/2025 of 18/08/2025**

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

**Zdravotní ústav se sídlem v Ústí nad Labem**  
CAB Number 8065, Department of Laboratory Immunology of the Centre for Immunology  
and Microbiology  
Na Kabátě 229, 400 11 Ústí nad Labem

*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.zuusti.cz/system-kvality/#System-kvality-CIM> .*

**Examinations:**

Ordinal Number	Analyte/ parameter/diagnostics	Principle of examination	Identification of procedure/equipment	Examined material	Degrees of freedom <sup>1</sup>
<b>801 – Clinical Biochemistry</b>					
1.	Albumin	Absorption spectrophotometry	Commercial procedure	Serum, plasma	A, B
2.	Total protein	Absorption spectrophotometry	Commercial procedure	Body fluids	A, B, D
3.	Albumin	Immunonephelometry	Commercial procedure	Cerebrospinal fluid	A, B
4.	Total prostate-specific antigen (PSA)	Immunoassay with luminometric detection	Commercial procedure	Serum, plasma	A, B
<b>802 – Medical Microbiology</b>					
1.	Antibodies against infectious agents	Immunoassay with luminometric detection	Commercial procedure	Serum, plasma	A, B, C
2.	Antigens of infectious agents	Immunoassay with luminometric detection	Commercial procedure	Serum, plasma	A, B, C
3.	HIV markers	Immunoassay with luminometric detection	Commercial procedure	Serum, plasma	A, B
4.	Antibodies against infectious agents	Immunoassay with luminometric detection	Commercial procedure	Serum, plasma	A, B, C
5.	Post-vaccination antibodies	Immunoassay with photometric detection	Commercial procedure	Serum, plasma	A, B, C
6.	Antibodies against <i>Borrelia burgdorferi s.l.</i>	Immunoassay with photometric detection	Commercial procedure	Serum, plasma	A, B
7.	Antibodies against <i>Treponema pallidum</i>	Immunoassay with photometric detection	Commercial procedure	Serum, plasma	A, B

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8.	Antibodies against <i>Treponema pallidum</i>	Indirect immunofluorescence	Commercial procedure	Serum, plasma	A, B
9.	Antibodies against tick-borne encephalitis virus	Immunoassay with photometric detection	Commercial procedure	Serum, plasma	A, B
10.	Antibodies against pertussis toxin	Immunoassay with photometric detection	Commercial procedure	Serum, plasma	A, B
11.	Antibodies against infectious agents	Immunoblotting	Commercial procedure	Serum, plasma	A, B, C
12.	Intrathecal synthesis of antibodies against infectious agents	Immunoassay with photometric detection	Commercial procedure	Serum, plasma, cerebrospinal fluid	A, B, C
<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.	Rheumatoid factor	Immunoturbidimetry	Commercial procedure	Serum, plasma	A, B
4.	Anti-streptolysin O (ASLO)	Immunonephelometry	Commercial procedure	Serum, plasma	A, B
5.	IgG subclasses	Immunonephelometry	Commercial procedure	Serum, plasma	A, B
6.	Immunoglobulins	Immunonephelometry	Commercial procedure	Cerebrospinal fluid	A, B
7.	Albumin quotient and intrathecal synthesis of total immunoglobulins	Calculation	Commercial procedure	Serum, plasma, cerebrospinal fluid	A, B
8.	Detection and typing of paraprotein	Immunofixation electrophoresis	Commercial procedure	Serum, plasma, urine	A, B
9.	Oligoclonal IgG	Isoelectric focusing	Commercial procedure	Serum, cerebrospinal fluid	A, B

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Ordinal Number	Analyte/ parameter/diagnostics	Principle of examination	Identification of procedure/equipment	Examined material	Degrees of freedom <sup>1</sup>
10.	Total IgE	Immunoassay with fluorimetric detection	Commercial procedure	Serum, plasma	A, B
11.	Specific IgE	Immunoassay with fluorimetric detection	Commercial procedure	Serum, plasma	A, B
12.	Immunophenotyping of cell populations	Flow cytometry	Commercial procedure	Blood	A, B, C
13.	INF $\gamma$ after T-cells stimulation by <i>Mycobacterium tuberculosis</i> antigens	Immunoassay with photometric detection	Commercial procedure	Plasma	A, B
14.	Autoantibodies	Indirect immunofluorescence	Commercial procedure	Serum, plasma	A, B, C
15.	Neuronal autoantibodies	Indirect immunofluorescence	Commercial procedure	Serum, plasma, cerebrospinal fluid	A, B, C
16.	Antibodies in demyelinating diseases and autoimmune encephalitides	Indirect immunofluorescence	Commercial procedure	Serum, plasma, cerebrospinal fluid	A, B, C
17.	Autoantibodies	Immunoassay with fluorimetric detection	Commercial procedure	Serum, plasma	A, B, C
18.	Autoantibodies	Immunoassay with luminometric detection	Commercial procedure	Serum, plasma	A, B, C
19.	Autoantibodies	Immunoassay with luminometric detection	Commercial procedure	Serum, plasma	A, B, C
20.	Autoantibodies	Immunoassay with photometric detection	Commercial procedure	Serum, plasma	A, B, C
21.	Autoantibodies	Immunoblotting	Commercial procedure	Serum, plasma	A, B, C
22.	Neuronal autoantibodies	Immunoblotting	Commercial procedure	Serum, plasma	A, B, C

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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.

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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. "*