

**The Appendix is an integral part of  
Certificate of Accreditation No. 122/2024 of 14/03/2024**

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

**Ústav pro péči o matku a dítě**  
CAB Number 8273, Central Laboratories of ÚPMD  
Podolské nábřeží 157/36, 147 00 Praha 4 - Podolí

**Medical laboratory locations:**

1. **Department of Clinical Biochemistry (OKB)** Podolské nábřeží 157/36, Praha 4 – Podolí
2. **Department of Clinical Hematology and Blood Bank (OKH)** Podolské nábřeží 157/36, Praha 4 – Podolí
3. **Department of Clinical Pathology (OKP)** Podolské nábřeží 157/36, Praha 4 - Podolí

*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.upmd.cz/o-nas/odborna-pracoviste/laboratore/](http://www.upmd.cz/o-nas/odborna-pracoviste/laboratore/)*

1. **Department of Clinical Biochemistry (OKB)**

**Examinations:**

Ordinal Number	Analyte/parameter/diagnostics	Principle of examination	Identification of method procedure/ equipment	Examined material	Degrees of freedom <sup>1</sup>
<b>801 – Clinical Biochemistry</b>					
1.	Non-protein nitrogenous substances	Absorption spectrophotometry	Commercial procedure	Serum	A, B, C
2.	Saccharides	Absorption spectrophotometry	Commercial procedure	Serum	A, B, C
3.	Pigments	Absorption spectrophotometry	Commercial procedure	Serum	A, B, C
4.	Enzymes	Absorption spectrophotometry	Commercial procedure	Serum	A, B, C
5.	Minerals	Potentiometry	Commercial procedure	Serum	A, B, C
6.	Markers for the calculation of the risk of congenital defects	Immunoassay with fluorimetric detection	Commercial procedure	Serum	A, B, C
<b>802 – Medical Microbiology</b>					
1.	Antibodies to infectious agents	Immunoassay with luminometric detection	Commercial procedure	Serum	A, B, C

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Ordinal Number	Analyte/ parameter/diagnostics	Principle of examination	Identification of method procedure/ equipment	Examined material	Degrees of freedom <sup>1</sup>
2.	Antigens of infectious agents	Immunoassay with luminometric detection	Commercial procedure	Serum	A, B, C
3.	HIV markers	Immunoassay with luminometric detection	Commercial procedure	Serum	A, B, C
4.	Antibodies against <i>Treponema pallidum</i>	Immunoassay with luminometric detection	Commercial procedure	Serum	A, B
5.	Rapid plasma reagin test (RPR)	Immunoturbidimetry	Commercial procedure	Serum	A, B
<b>813 - Allergology and Immunology Laboratory</b>					
1.	C-reactive protein (CRP)	Immunoturbidimetry	Commercial procedure	Serum	A, B
2.	Autoantibodies	Immunoassay with photometric detection	Commercial procedure	Serum	A, B, C
3.	Procalcitonin (PCT)	Immunoassay with luminometric detection	Commercial procedure	Serum	A, B
<b>815 - Nuclear Medicine Laboratory</b>					
1.	Hormones	Immunoassay with luminometric detection	Commercial procedure	Serum	A, B, C

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**2. Department of Clinical Hematology and Blood Bank (OKH)**

**Examinations:**

<b>Ordinal Number</b>	<b>Analyte/parameter/diagnostics</b>	<b>Principle of examination</b>	<b>Identification of method procedure/ equipment</b>	<b>Examined material</b>	<b>Degrees of freedom<sup>1</sup></b>
<b>222 - Transfusion Medicine</b>					
1.	Blood type	Gel column agglutination (manual)	Commercial procedure	Blood	A, B
2.	Screening of irregular anti-erythrocyte antibodies	Gel column agglutination (manual)	Commercial procedure	Plasma	A, B
<b>818 - Haematology Laboratory</b>					
1.	Blood count with a five-part differential Leukocyte count	Flow cytometry; Impedance method; Photometry; Calculations	Commercial procedure	Blood	A, B

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**3. Department of Clinical Pathology (OKP)**

**Examinations:**

Ordinal Number	Analyte/ parameter/diagnostics	Principle of examination	Identification of method procedure/ equipment	Examined material	Degrees of freedom <sup>1</sup>
<b>823 - Pathology Laboratory</b>					
1.	Histological examination of tissues and diagnostics	Microscopy	Commercial procedure	Tissues	A, B
2.	Cytological examinations and diagnostics	Microscopy	Commercial procedure	Cells from puncture of tissue, body fluids	A, B
3.	Peroperational histological and cytological examination and diagnostics	Microscopy	Published procedure	Tissues, cells	A, B
4.	Immunohistochemical and immunocytochemical examination of antigens	Microscopy	Commercial procedure; Published procedure; In-house procedure	Tissues, cells	A, B, C

**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.