

**The Appendix is an integral part of  
Certificate of Accreditation No 691/2023 of 27/12/2023**

**Accredited entity according to ČSN EN ISO 15189:2013 ed. 2:2013:**

**Nemocnice Prachatice, a.s.**  
CAB Number 8009, Oddělení klinické biochemie a hematologie (OKB-H)  
Nebahovská 1015, 383 01 Prachatice

*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://nempt.cz/neluzkova/laboratore/klinicka-biochemie-a-hematologie/>*

**Examinations:**

Ordinal Number	Analyte/parameter/diagnostics	Principle of examination	Identification of procedure/equipment	Examined material	Degrees of freedom <sup>1</sup>
<b>222 - Transfusion Medicine</b>					
1.	Blood types	Gel column agglutination	Commercial procedure	Blood	A, B
2.	Blood types	Gel column agglutination (manual)	Commercial procedure	Blood	A, B
3.	Screening of anti-erythrocyte antibodies	Gel column agglutination	Commercial procedure	Blood	A, B
4.	Screening of anti-erythrocyte antibodies	Gel column agglutination (manual)	Commercial procedure	Blood	A, B
5.	Examination of compatibility	Gel column agglutination	Commercial procedure	Blood	A, B
6.	Examination of compatibility	Gel column agglutination (manual)	Commercial procedure	Blood	A, B
7.	Direct antiglobulin test	Gel column agglutination	Commercial procedure	Blood	A, B
8.	Direct antiglobulin test	Gel column agglutination (manual)	Commercial procedure	Blood	A, B
<b>801 – Clinical Biochemistry</b>					
1.	Proteins	Absorption spectrophotometry	Commercial procedure	Serum	A, B, C
2.	Enzymes	Absorption spectrophotometry	Commercial procedure	Serum	A, B, C
3.	Pigments	Absorption spectrophotometry	Commercial procedure	Serum	A, B, C
4.	Minerals	Absorption spectrophotometry	Commercial procedure	Serum	A, B, C

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5.	Non-protein nitrogenous substances	Absorption spectrophotometry	Commercial procedure	Serum	A, B, C
6.	Glucose	Absorption spectrophotometry	Commercial procedure	Serum	A, B
7.	Lipids	Absorption spectrophotometry	Commercial procedure	Serum	A, B, C
8.	Minerals	Potentiometry	Commercial procedure	Serum	A, B, C
9.	Apolipoproteins	Immunoturbidimetry	Commercial procedure	Serum	A, B, C
10.	Cardiac markers	Immunoassay with luminometric detection	Commercial procedure	Serum	A, B, C
11.	Tumor markers	Immunoassay with luminometric detection	Commercial procedure	Serum	A, B, C
12.	Acid-base balance	Amperometry; Potentiometry	Commercial procedure	Blood	A, B, C
13.	Glycated haemoglobin	High-Performance Liquid Chromatography	Commercial procedure	Blood	A, B
14.	Chemical examination of urine	Reflection photometry; Refractometry; Absorption spectrophotometry	Commercial procedure	Urine	A, B, C
15.	Morphological examination of urine	Microscopy	Commercial procedure	Urine	A, B, C
16.	Glucose	Amperometry	Commercial procedure	Blood	A, B
<b>813 - Allergology and Immunology Laboratory</b>					
1.	Specific proteins	Immunoturbidimetry	Commercial procedure	Serum	A, B, C
2.	Immunoglobulins	Immunoturbidimetry	Commercial procedure	Serum	A, B, C
3.	Specific proteins	Immunonephelometry	Commercial procedure	Serum	A, B, C

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Ordinal Number	Analyte/ parameter/diagnostics	Principle of examination	Identification of procedure/equipment	Examined material	Degrees of freedom <sup>1</sup>
<b>815 - Nuclear Medicine Laboratory</b>					
1.	Myoglobin	Immunoassay with luminometric detection	Commercial procedure	Serum	A, B
2.	Hormones	Immunoassay with luminometric detection	Commercial procedure	Serum	A, B, C
3.	Tumor markers	Immunoassay with luminometric detection	Commercial procedure	Serum	A, B, C
<b>818 - Haematology Laboratory</b>					
1.	Activated partial thromboplastin time	Coagulation method with optical detection of coagulum; Calculations	Commercial procedure	Plasma	A, B
2.	Fibrinogen	Coagulation method with optical detection of coagulum	Commercial procedure	Plasma	A, B
3.	Prothrombin test	Coagulation method with optical detection of coagulum	Commercial procedure	Plasma	A, B
4.	D-dimers	Immunoassay with turbidimetric detection	Commercial procedure	Plasma	A, B
5.	Blood count with a with a five-part differential leukocyte count	Flow cytometry; Photometry; Calculations	Commercial procedure	Blood	A, B, C
6.	Blood count with a with a five-part differential leukocyte count	Flow cytometry; Photometry; Calculations	Commercial procedure	Blood	A, B, C
7.	Peripheral blood smear analysis	Microscopy	Published procedure	Blood	A, B

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**Primary sample collection:**

<b>Ordinal Number</b>	<b>Sample collection technique</b>	<b>Identification of sample collection procedure</b>	<b>Collected material</b>	<b>Degrees of freedom<sup>1</sup></b>
1.	Venepuncture	Published procedure	Venous blood	A, B
2.	Fingerstick	Published procedure	Capillary blood	A, B

**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.