

**The Appendix is an integral part of
Certificate of Accreditation No. 533/2024 of 10/10/2024**

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

Krajská nemocnice Liberec, a.s.
CAB Number 8294, Center for Laboratory Medicine (CLM)
Husova 1430/34, Liberec I - Staré Město, 460 01 Liberec

Medical laboratory locations:

6. **Laboratory of Clinical Biochemistry and Hematology**
Turnov Hospital 28. října 1000, 511 01 Turnov

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.nemlib.cz/centrum-laboratorni-mediciny/>*

Examinations:

Ordinal Number	Analyte/ parameter/diagnostics	Principle of examination	Identification of procedure/equipment	Examined material	Degrees of freedom ¹
222 - Transfusion Medicine					
1.	Blood type	Gel column agglutination (manual)	Commercial procedure	Blood	A, B
2.	Examination of compatibility	Gel column agglutination (manual)	Commercial procedure	Plasma, serum	A, B
3.	Screening of anti- erythrocyte antibodies	Gel column agglutination (manual)	Commercial procedure	Plasma, serum	A, B
801 – Clinical Biochemistry					
1.	Glucose	Absorption spectrophotometry	Commercial procedure	Body fluids	A, B, D
2.	Minerals	Potentiometry	Commercial procedure	Body fluids	A, B, C, D
3.	Total calcium	Absorption spectrophotometry	Commercial procedure	Body fluids	A, B, D
4.	Non-protein nitrogenous compounds	Absorption spectrophotometry	Commercial procedure	Body fluids	A, B, C, D
5.	Total bilirubin	Absorption spectrophotometry	Commercial procedure	Body fluids	A, B, D

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Ordinal Number	Analyte/ parameter/diagnostics	Principle of examination	Identification of procedure/equipment	Examined material	Degrees of freedom ¹
6.	Enzymes	Absorption spectrophotometry	Commercial procedure	Body fluids	A, B, C, D
7.	Lipids	Absorption spectrophotometry	Commercial procedure	Body fluids	A, B, C, D
8.	Total protein	Absorption spectrophotometry	Commercial procedure	Body fluids	A, B, D
813 - Allergology and Immunology Laboratory					
1.	C-reactive protein (CRP)	Immunturbidimetry	Commercial procedure	Serum, plasma	A, B
818 - Haematology Laboratory					
1.	Blood count	Flow cytometry; Impedance method; Photometry; Calculations	Commercial procedure	Blood	A, B
2.	Prothrombin test	Coagulation method with optical detection of coagulum; Calculations	Commercial procedure	Plasma	A, B
3.	Activated partial thromboplastin time	Coagulation method with optical detection of coagulum; Calculations	Commercial procedure	Plasma	A, B

Primary sample collection:

Ordinal Number	Sample collection technique	Identification of sample collection procedure	Collected material	Degrees of freedom ¹
1.	Venepuncture	Published procedure	Venous blood	A, B
2.	Capillary puncture	Published procedure	Capillary blood	A, B

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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.

"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. "