

**The Appendix is an integral part of
Certificate of Accreditation No. 116/2023 of 09/03/2023**

Accredited entity according to ČSN EN ISO 15189:2013:

NL-BioLab s.r.o.
CAB Number 8016, Laboratory Klatovy, Nádražní
Nádražní 844, 339 01 Klatovy III

Medical laboratory locations:

- | | |
|--|-----------------------------------|
| 1. Laboratory Klatovy, Nádražní | Nádražní 844, 339 01 Klatovy III |
| 2. Sample Collection Site Domažlice | U Nemocnice 306, Domažlice 344 01 |

1. Laboratory Klatovy, Nádražní

Examinations:

Ordinal number	Analyte/parameter/diagnostics	Principle of examination	Identification of procedure/instruments	Examined material	Degrees of freedom ¹
801 - Clinical Biochemistry					
1.	Non-protein nitrogenous substances	Absorption spectrophotometry	SOPV001 version 3; SOPV002 version 9; SOPV031 version 12; DxC 700	Serum	-
2.	Ions	Potentiometry	SOPV003 version 12; SOPV004 version 12; SOPV005 version 12; DxC 700	Serum	-
3.	Glucose	Absorption spectrophotometry	SOPV006 version 12; DxC 700	Serum, plasma	-
4.	Proteins	Absorption spectrophotometry	SOPV027 version 13; DxC 700	Serum	-
5.	Enzymes	Absorption spectrophotometry	SOPV007 version 12; SOPV009 version 11; SOPV010 version 12; SOPV015 version 12; SOPV016 version 4; DxC 700	Serum	-
6.	Total bilirubin	Absorption spectrophotometry	SOPV012 version 12; DxC 700	Serum	-

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7.	Lipids	Absorption spectrophotometry	SOPV021 version 12; SOPV022 version 12; SOPV023 version 12; SOPV823 version 12; DxC 700	Serum	-
8.	Calcium	Absorption spectrophotometry	SOPV024 version 12; DxC 700	Serum	-
9.	Glycated haemoglobin	High-Performance Liquid Chromatography	SOPV062 version 9; Adams HA8180	Blood	-
802 - Medical microbiology					
1.	Bacteriological examination of upper respiratory tract	Aerobic culture; Microscopy	SOPV2001 version 6;	Swab from upper respiratory tract	-
2.	Bacteriological examination of urogenital tract	Aerobic culture; Microscopy	SOPV2015-A version 7; SOPV2015-B version 7;	Urine, urethral swab, vaginal swab	-
3.	Bacteriological examination of gastroenteric tract	Aerobic culture; Microaerophilic culture; Microscopy	SOPV2030 version 5	Rectal swab, stool	-
4.	Qualitative examination of susceptibility of microorganisms	Disk diffusion method	SOPV2035 version 5	Bacterial culture	-
5.	Detection of <i>Streptococcus agalatae</i>	Aerobic culture	SOPV2036 version 5	Vaginal swab	-



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Ordinal number	Analyte/parameter/diagnostics	Principle of examination	Identification of procedure/instruments	Examined material	Degrees of freedom ¹
6.	Hepatitis B virus markers	Immunoassay with luminometric detection	SOPV280 version 11; COBAS e411	Serum	-
7.	HIV virus markers	Immunoassay with luminometric detection	SOPV413 version 11; COBAS e411	Serum	-
813 - Allergology and Immunology Laboratory					
1.	C-reactive protein (CRP)	Immunoturbidimetry	SOPV089 version 13; DxC 700	Serum	-
815 - Nuclear Medicine Laboratory					
1.	Hormones	Immunoassay with luminometric detection	SOPV136 version 12; SOPV138 version 11; SOPV160 version 12; DxI 800	Serum	-
2.	Tumour markers	Immunoassay with luminometric detection	SOPV150 version 11; SOPV154 version 10; DxI 800	Serum	-
818 - Haematology Laboratory					
1.	Prothrombin test	Coagulation method with optical detection of coagulum	SOPV522 version 14; the Sysmex CA-600 analyzer	Plasma	-
2.	Activated partial thromboplastin time	Coagulation method with optical detection of coagulum	SOPV523 version 13; the Sysmex CA-600 analyzer	Plasma	-



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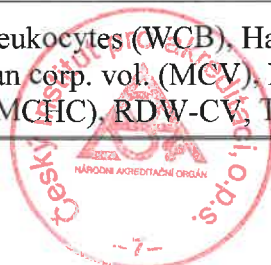
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Ordinal number	Analyte/parameter/diagnostics	Principle of examination	Identification of procedure/instruments	Examined material	Degrees of freedom ¹
3.	Complete blood count	Fluorescent flow cytometry; Absorption spectrophotometry; Impedance method of particle counting	SOPV500 version 1; XN-1000	Blood	-

Specification of the scope of accreditation:

Field of expertise / ordinal number	Detailed information on activities within the scope of accreditation
801/1	Urea, Creatinine, Uric acid
801/2	Na ⁺ , K ⁺ , Cl ⁻
801/4	Total protein
801/5	Amylase (AMS), Alanine aminotransferase (ALT), Aspartate aminotransferase (AST), Alkaline phosphatase (ALP), Gammaglutamyltransferase (GGT)
801/7	Total cholesterol, Triacylglycerols, HDL cholesterol, LDL cholesterol
802/6	Antigen HBsAg
802/7	Antigens and antibodies: Ab anti HIV 1,2 (Ig total) and Ag HIV p24
815/1	Thyroid-stimulating hormone (TSH), Free thyroxine (fT4 free), Total hCG+beta subunit (hCG)
815/2	Alpha-1-fetoprotein (AFP), Total prostate-specific antigen (PSA total)
818/1	Prothrombin time - ratio, Prothrombin time - INR
818/2	APTT - patient, APTT - ratio
818/3	Complete blood count: Leukocytes (WCB), Haemoglobin (HGB), Haematocrit (HCT), Erythrocytes (RBC), Mean corp. vol. (MCV), Mean Corp.Hem. (MCH), Mean.Corp.Hem.Conc. (MCHC), RDW-CV, Thrombocytes (PLT)



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Primary sample collection:

Ordinal number	Sample collection method	Sample collection procedure identification	Collected sample	Degrees of freedom¹
1.	Venepuncture	SOPL001 version 11	Venous blood	-
2.	Capillary puncture	SOPL002 version 8	Capillary blood	-



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2. Sample Collection Site Domažlice

Primary sample collection:

Ordinal number	Sample collection technology	Sample collection procedure identification	Collected sample	Degrees of freedom ¹
1.	Venepuncture	SOPL001 version 11	Venous blood	-

Explanatory notes:

- 1 The Laboratory does not apply a flexible approach to the scope of accreditation.

