

**The Appendix is an integral part of
Certificate of Accreditation No. 125/2022 of 10. 03. 2022**

Accredited entity according to ČSN EN ISO 15189:2013:

Nemocnice Na Homolce

OKBHI - Department of Clinical Biochemistry, Hematology and Immunology
Roentgenova 37/2, 150 30 Praha 5, Motol

Medical laboratory locations:

- | | |
|--|-------------------------------------|
| 1. Biochemistry | Roentgenova 37/2, 150 30 Praha 5 |
| 2. Haematology | Roentgenova 37/2, 150 30 Praha 5 |
| 3. Immunology | Roentgenova 37/2, 150 30 Praha 5 |
| 4. Molecular Diagnostics Laboratory | Pod Kotlářkou 34/34, 150 30 Praha 5 |
| 5. Blood bank | Roentgenova 37/2, 150 30 Praha 5 |
| 6. IA Laboratory | Roentgenova 37/2, 150 30 Praha 5 |

1. Biochemistry

Examinations:

Ordinal number	Examination procedure name	Examination procedure identification	Examined object
801 - Clinical Biochemistry			
101.	Determination of the molar concentration of Na ⁺ on the Atellica A-LYTE Integrated Multisensor [Natrium]	05_SOP_OKBHI_BIO_165-1 (Na ⁺)	Plasma
102.	Determination of the molar concentration of K ⁺ on the Atellica A-LYTE Integrated Multisensor [Potassium]	05_SOP_OKBHI_BIO_165-2 (K ⁺)	Plasma
103.	Determination of the molar concentration of Cl ⁻ on the Atellica A-LYTE Integrated Multisensor [Chlorides]	05_SOP_OKBHI_BIO_165-3 (Cl ⁻)	Plasma
104.	Determination of the molar concentration of Calcium by photometric method on the analyzer Atellica [Calcium]	05_SOP_OKBHI_BIO_166	Plasma
105.	Determination of molar concentration of magnesium by photometric method on the analyzer Atellica [Magnesium]	05_SOP_OKBHI_BIO_167	Plasma
106.	Determination of molar concentration of iron by photometric method on the analyzer Atellica [Iron]	05_SOP_OKBHI_BIO_168	Plasma
107.	Determination of molar concentration of urea by photometric method on the analyzer Atellica [Urea]	05_SOP_OKBHI_BIO_169	Plasma
108.	Determination of molar concentration of creatinine by photometric method on the analyzer Atellica [Creatinine]	05_SOP_OKBHI_BIO_170	Plasma

**The Appendix is an integral part of
Certificate of Accreditation No. 125/2022 of 10. 03. 2022**

Accredited entity according to ČSN EN ISO 15189:2013:

Nemocnice Na Homolce

OKBHI - Department of Clinical Biochemistry, Hematology and Immunology
Roentgenova 37/2, 150 30 Praha 5, Motol

Ordinal number	Examination procedure name	Examination procedure identification	Examined object
109.	Determination of mass concentration of total protein by photometric method on the analyzer Atellica [Total protein]	05_SOP_OKBHI_BIO_171	Plasma
110.	Determination of mass concentration of albumin by photometric method on the analyzer Atellica [Albumin]	05_SOP_OKBHI_BIO_172	Plasma
111.	Determination of molar concentration of glucose by photometric method on the analyzer Atellica [Glycaemia]	05_SOP_OKBHI_BIO_173	Plasma
112.	Determination of molar concentration of total bilirubin by photometric method on the analyzer Atellica [Total bilirubin]	05_SOP_OKBHI_BIO_174	Plasma
113.	Determination of catalytic concentration of alanine aminotransferase (ALT) by photometric method on the analyzer Atellica [ALT]	05_SOP_OKBHI_BIO_175	Plasma
114.	Determination of catalytic concentration of aspartate aminotransferase (AST) by photometric method on the analyzer Atellica [AST]	05_SOP_OKBHI_BIO_176	Plasma
115.	Determination of catalytic concentration of creatinkinase (CK) by photometric method on the analyzer Atellica [Creatinkinase]	05_SOP_OKBHI_BIO_177	Plasma
116.	Determination of molar concentration of total cholesterol by photometric method on the analyzer Atellica [Cholesterol]	05_SOP_OKBHI_BIO_178	Plasma
117.	Determination of molar concentration of triacylglycerols by photometric method on the analyzer Atellica [Triacylglycerols]	05_SOP_OKBHI_BIO_179	Plasma
118.	Determination of catalytic concentration of lactate dehydrogenase (LD) by photometric method on the analyzer Atellica [LDH]	05_SOP_OKBHI_BIO_180	Plasma
119.	Determination of catalytic concentration of amylase by photometric method on the analyzer Atellica [AMS]	05_SOP_OKBHI_BIO_181	Plasma
120.	Determination of catalytic concentration of alkaline phosphatase by photometric method on the analyzer Atellica [ALP]	05_SOP_OKBHI_BIO_182	Plasma
121. - 200.	Reserved		

Names in parentheses [] are the names of examinations shown in the reports.

**The Appendix is an integral part of
Certificate of Accreditation No. 125/2022 of 10. 03. 2022**

Accredited entity according to ČSN EN ISO 15189:2013:

Nemocnice Na Homolce

OKBHI - Department of Clinical Biochemistry, Hematology and Immunology
Roentgenova 37/2, 150 30 Praha 5, Motol

2. Haematology

Examinations:

Ordinal number	Examination procedure name	Examination procedure identification	Examined object
818 - Haematology Laboratory			
201.	Determination of blood count on the analyzer Sysmex XN-3100 and XN-L550 [BLOOD COUNT: Haemoglobin, Erythrocytes, Haematocrit, MCH, MCHC, MCV, RDW, Leucocytes, Thrombocytes]	05_SOP_OKBHI_H_002	Incoagulable blood
202.	Prothrombin time test by coagulation method on the analyzer STA®R MAX [PT - INR, PT - ratio]	05_SOP_OKBHI_H_041	Plasma
203.	Activated partial thromboplastin time by coagulation method on the analyzer STA®R MAX [APTT - ratio]	05_SOP_OKBHI_H_042	Plasma
204.	Determination of fibrinogen by coagulation method on the analyzer STA®R MAX analyzer [Fibrinogen]	05_SOP_OKBHI_H_043	Plasma
205.	Determination of antithrombin by chromogenic method on the analyzer STA®R MAX [Antithrombin]	05_SOP_OKBHI_H_044	Plasma
206.- 300.	Reserved		

Names in parentheses [] are the names of examinations shown in the reports.

Primary sample collection:

Ordinal number	Primary sample collection procedure name	Primary sample collection procedure identification	Primary sample
1.	Collection of capillary and venous blood	05_SOP_OKBHI_O_001	Blood

**The Appendix is an integral part of
Certificate of Accreditation No. 125/2022 of 10. 03. 2022**

Accredited entity according to ČSN EN ISO 15189:2013:

Nemocnice Na Homolce

OKBHI - Department of Clinical Biochemistry, Hematology and Immunology
Roentgenova 37/2, 150 30 Praha 5, Motol

3. Immunology

Examinations:

Ordinal number	Examination procedure name	Examination procedure identification	Examined object
813 - Allergology and Immunology Laboratory			
301.	Determination of IgM immunoglobulin by immunoturbidimetry [IgM]	05_SOP_OKBHI-IMU_095	Serum
302.	Determination of total IgE by FEIA method [total IgE]	05_SOP_OKBHI-IMU_083	Serum
303.	Determination of procalcitonin by FIA method [Procalcitonin]	05_SOP_OKBHI-IMU_087	Serum
304.	Determination of ENA autoantibodies by ELISA screening method [ENA screen]	05_SOP_OKBHI-IMU_090	Serum
305.	Determination of ANCA auto antibodies by indirect immunofluorescence [ANCA]	05_SOP_OKBHI-IMU_088	Serum
306.	Determination of IgG and IgM autoantibodies against cardiolipin by ELISA method [ACLA IgG, ACLA IgM]	05_SOP_OKBHI-IMU_093	Serum
307.	Determination of IgG and IgM autoantibodies against beta-2-glycoprotein by ELISA method [Beta2-GP I IgG, Beta2-GP I IgM]	05_SOP_OKBHI-IMU_094	Serum
308.	Determination of specific IgE antibodies by FEIA method [xxyyCAP, where xx is the abbreviation and yy is the name of the allergen]	05_SOP_OKBHI-IMU_082	Serum
309.	Determination of IgG immunoglobulin by immunoturbidimetry [IgG]	05_SOP_OKBHI-IMU_096	Serum
310.	Determination of IgA immunoglobulin by immunoturbidimetry [IgA]	05_SOP_OKBHI-IMU_097	Serum
311.	Determination of C3 complement component by immunoturbidimetry [C3]	05_SOP_OKBHI-IMU_098	Serum
312.	Determination of C4 complement component by immunoturbidimetry [C4]	05_SOP_OKBHI-IMU_099	Serum
313.	Determination of ANP autoantibodies by indirect immunofluorescence [Antinucl.antib.]	05_SOP_OKBHI-IMU_089	Serum
314. – 400.	Reserved		

Names in parentheses [] are the names of examinations shown in the reports.

**The Appendix is an integral part of
Certificate of Accreditation No. 125/2022 of 10. 03. 2022**

Accredited entity according to ČSN EN ISO 15189:2013:

Nemocnice Na Homolce

OKBHI - Department of Clinical Biochemistry, Hematology and Immunology
Roentgenova 37/2, 150 30 Praha 5, Motol

4. Molecular Diagnostics Laboratory

Examinations:

Ordinal number	Examination procedure name	Examination procedure identification	Examined object
816 - Medical Genetics Laboratory			
401.	Thrombophilic mutation FII Prothrombin - HRM analysis [Prothrombin FII]	05_SOP_OKBHI_LMD_126	Incoagulable blood, DNA
402.	Thrombophilic mutation Leiden mutation FV (G1691A) - HRM analysis [Leiden mutation FV]	05_SOP_OKBHI_LMD_127	Incoagulable blood, DNA
403.	Thrombophilic mutation MTHFR C677T - HRM analysis [MTHFR mutation (C677T)]	05_SOP_OKBHI_LMD_128	Incoagulable blood, DNA
404.	Thrombophilic mutation MTHFR A1298C - HRM analysis [MTHFR mutation (A1298C)]	05_SOP_OKBHI_LMD_132	Incoagulable blood, DNA
405.- 500.	Reserved		

Names in parentheses [] are the names of examinations shown in the reports.

**The Appendix is an integral part of
Certificate of Accreditation No. 125/2022 of 10. 03. 2022**

Accredited entity according to ČSN EN ISO 15189:2013:

Nemocnice Na Homolce

OKBHI - Department of Clinical Biochemistry, Hematology and Immunology
Roentgenova 37/2, 150 30 Praha 5, Motol

5. Blood bank

Examinations:

Ordinal number	Examination procedure name	Examination procedure identification	Examined object
222 - Transfusion Medicine			
501.	Examination of AB0 Rh(D) blood group by hemagglutination method, manually using the ORTHO system [Blood group with a reference to manual processing]	05_SOP_OKBHI-KB_011	Blood
502.	Screening examination of irregular anti-erythrocyte antibodies by hemagglutination method, manually using the ORTHO system [NAT antibody screening, Enzyme assay with reference to manual processing]	05_SOP_OKBHI-KB_006	Plasma
503.	Compatibility test examination by hemagglutination method, manually using the ORTHO system [Compatibility test with reference to manual processing]	05_SOP_OKBHI-KB_004	Blood
504.	Direct antiglobulin test examination, manually using the ORTHO system [Direct antiglobulin test with reference to manual processing]	05_SOP_OKBHI-KB_008	Blood
505.	Examination of AB0 Rh(D) blood group by hemagglutination method on the Ortho Vision analyzer [Blood group]	05_SOP_OKBHI-KB_030	Blood
506.	Screening examination of irregular anti-erythrocyte antibodies by hemagglutination method on the Ortho Vision analyzer [NAT antibody screening, Enzyme assay]	05_SOP_OKBHI-KB_031	Plasma
507.	Compatibility test examination by hemagglutination method on the Ortho Vision analyzer [Test of compatibility]	05_SOP_OKBHI-KB_032	Blood
508.	Direct antiglobulin test examination on the Ortho Vision analyzer [Direct antiglobulin test]	05_SOP_OKBHI-KB_033	Blood
509. – 600.	Reserved		

Names in parentheses [] are the names of examinations shown in the reports.

**The Appendix is an integral part of
Certificate of Accreditation No. 125/2022 of 10. 03. 2022**

Accredited entity according to ČSN EN ISO 15189:2013:

Nemocnice Na Homolce

OKBHI - Department of Clinical Biochemistry, Hematology and Immunology
Roentgenova 37/2, 150 30 Praha 5, Motol

6. IA Laboratory

Examinations:

Ordinal number	Examination procedure name	Examination procedure identification	Examined object
815 – Nuclear Medicine Laboratory			
601.	Determination of TSH by sandwich chemiluminescent immunoassay [TSH]	05_SOP_OKBHI_IA_036	Serum
602.	Determination of T3 by competitive chemiluminescent immunoassay [T3]	05_SOP_OKBHI_IA_034	Serum
603.	Determination of T4 by competitive chemiluminescent immunoassay [T4]	05_SOP_OKBHI_IA_035	Serum
604.	Determination of FT3 by competitive chemiluminescent immunoassay [FT3]	05_SOP_OKBHI_IA_032	Serum
605.	Determination of FT4 by competitive chemiluminescent immunoassay [FT4]	05_SOP_OKBHI_IA_033	Serum
606.	Determination of PSA by immunoradiometric method (IRMA) [PSA]	05_SOP_OKBHI_IA_024	Serum
607.	Determination of free PSA by immunoradiometric method (IRMA) [fPSA]	05_SOP_OKBHI_IA_025	Serum
608.	Determination of CEA by immunoradiometric method (IRMA) [CEA]	05_SOP_OKBHI_IA_015	Serum
609.	Determination of AFP by sandwich chemiluminescent immunoassay [AFP]	05_SOP_OKBHI_IA_052	Serum
610.	Reserved		
611.	Determination of CA 125 by sandwich chemiluminescent immunoassay [CA 125]	05_SOP_OKBHI_IA_057	Serum

Names in parentheses [] are the names of examinations shown in the reports.