



Potvrda o akreditaciji Accreditation Certificate

Ovime se utvrđuje da je
This is to recognize that

KLINIČKI BOLNIČKI CENTAR SESTRE MILOSRDNICE
Klinički zavod za kemiju
Vinogradska 29, HR-10000 Zagreb

osposobljen prema zahtjevima norme
is competent according to
HRN EN ISO/IEC 17020:2012
(ISO 15189:2007; EN ISO 15189:2007)
za/to carry out

Medicinska biokemija - ispitivanja u području kliničke kemije, laboratorijske hematologije i koagulacije, laboratorijske imunologije, toksikologije i molekularne dijagnostike
Medical Biochemistry – Testing in the field of Clinical Chemistry, Laboratory Hematology and Coagulation, Laboratory Immunology, Toxicology and Molecular Diagnostics

u području opisanom u prilogu koji je sastavni dio ove potvrde o akreditaciji.
for the scope described in the annex which is the constituent part of this accreditation certificate.

Br./No.: 7132
Klasa/Ref.No.: 383-02/17-35/003
Urbroj/Id.No.: 569-02/8-17-39
Zagreb, 2017-12-28

Akreditacija istječe•Accreditation expiry: 2022-12-27
Prva akreditacija•Initial accreditation: 2007-12-28

HAA je potpisnica multilateralnog sporazuma s Europskom organizacijom za akreditaciju (EA)
HAA is a signatory of the European co-operation for Accreditation (EA) Multilateral Agreement

Ravnatelj:
Director General:
Tihomir Babić, dipl. ing.



HAA

Hrvatska akreditacijska agencija
Croatian Accreditation Agency

PRILOG POTVRDI O AKREDITACIJI br: 7132*Annex to Accreditation Certificate Number:*

Klasa/Ref. No.: 383-02/17-35/003

Urbroj/Id. No.: 569-02/8-17-38

Datum izdanja priloga /Annex Issued on: 2017-12-28

Zamjenjuje prilog/Replaces Annex:

Klasa/Ref. No.: 383-02/12-35/007

Urbroj/Id. No.: 569-02/1-17-16

Datum/Date: 2017-09-19

Norma: **HRN EN ISO 15189:2012****Standard:** (ISO 15189:2012; EN ISO 15189:2012)**Akreditacija istječe: 2022-12-27***Accreditation expiry:***Prva akreditacija: 2007-12-28***Initial accreditation:***Akreditirani medicinski laboratorij***Accredited medical laboratory***KLINIČKI BOLNIČKI CENTAR SESTRE MILOSRDNICE****Klinički zavod za kemiju**

Vinogradska 29, HR-10000 Zagreb

Područje akreditacije:*Scope of Accreditation:***Medicinska biokemija - ispitivanja u području kliničke kemije,
laboratorijske hematologije i koagulacije, laboratorijske imunologije, toksikologije i molekularne
dijagnostike***Medical Biochemistry – Testing in the field of Clinical Chemistry, Laboratory Hematology
and Coagulation, Laboratory Immunology, Toxicology and Molecular Diagnostics*

Važeće izdanje Priloga dostupno je na web adresi: www.akreditacija.hr /
Valid issue of the Annex is available at the web address: www.akreditacija.hr

Ravnatelj:**Director General:****Tihomir Babić, dipl. ing.**

FLEKSIBILNO PODRUČJE AKREDITACIJE / FLEXIBLE SCOPE OF ACCREDITATION

Vinogradska 29, HR-10000 Zagreb
Draškovićeve 19, HR-10000 Zagreb

Klinička kemija / Clinical Chemistry

Vrsta uzorka Sample type	Skupina pretraga Examination group	Načelo metode Method principle	Metoda Method
Uzorci humanog porijekla Human samples	Metaboliti i supstrati Enzimi Elektroliti Acidobazna ravnožeža Elementi u tragu Proteini Monoklonski imunoglobulini Lipidi i lipoproteini Vitamini Hormoni i srodne tvari Porfirini Lijekovi Kvalitativna analiza mokraće Analiza stolice Analiza ascitesa Analiza likvora Analiza pleuralnog izljeva Analiza znoja Analiza zglobne tekućine	Spektrofotometrija, Spectrophotometry	Kolorimetrija Fotometrija Refleksna spektrofotometrija Turbidimetrija Colorimetry, Photometry, Reflectant spectrophotometry, Turbidimetry
		Osmometrija Osmometry	Krioskopska osmometrija Crioscopic osmometry
		Imunokemijske metode Immunoassays	Imunoturbidimetrija, Imunonefelometrija, Kemiluminiscentna imunometoda na mikročesticama (CMIA), Immunoturbidimetry, Immunonephelometry, Chemiluminescent microparticle immunoassay (CMIA)
	Metabolites and substrate, Enzymes, Electrolytes, Acid-base balance, Trace elements, Proteins, Monoclonal immunoglobulins, Lipids and lipoproteins, Vitamins, Hormones and related substances, Porphyrins, Therapeutic Drugs, Qualitative urinalysis Stool Analysis Ascites analysis, Cerebrospinal fluid Analysis Pleural effusion analysis Sweat analysis Synovial fluid analysis	Elektrokemijske metode Electrochemistry	Potencimetrija, amperometrija Potenciometry, Aperometry
		Optička metoda Optical method	Svjetlosna mikroskopija Polarizacijska mikroskopija Vizualna procjena Light microscopy Polarisation microscopy Visual
		Elektroforetske tehnike Electrophoretic methods	Kapilarna elektroforeza Elektroforeza na agarozu plus imunofiksacija Izoelektrično fokusiranje plus imunofiksacija Capillary electrophoresis, Agarose electrophoresis with immunofixation Isoelectric focusing with immunofixation

Vinogradska 29, HR-10000 Zagreb

Laboratorijska imunologija / Laboratory Immunology

Vrsta uzorka <i>Sample type</i>	Skupina pretraga <i>Examination group</i>	Načelo metode <i>Method principle</i>	Metoda <i>Method</i>
Uzorci humanog porijekla <i>Human samples</i>	Dokazivanje humoralne imunosti: detekcija, identifikacija i kvantifikacija antitijela <i>Detection of humoral immunity: Antibodies detection, identification and quantification</i>	Imunokemijske metode <i>Immunoassays</i>	Aglutinacija, Indirektna Imunofluorescencija, Enzim-imunokemijska metoda (ELISA), Fluorescentni enzim imuno test (FEIA), Kemiluminiscentna imunometoda na mikročesticama (CMIA), Immunoblot, Imunoturbidimetrija <i>Agglutination, Indirect Immunofluorescence, Enzyme-Linked Immunosorbent Assay (ELISA), Fluorescent-enzyme immunoassay (FEIA), Chemiluminescent magnetic microparticle immunoassay (CMIA), Immunoblot, Immunoturbidimetry</i>

Fleksibilnim područjem akreditacije dopušta se laboratoriju sljedeće kategorije fleksibilnosti u području kliničke kemije i laboratorijske imunologije:

/Flexible scope allows laboratory the following categories of flexibility in the field of clinical chemistry and laboratory immunology :

1. uvođenje nove metode ispitivanja unutar istog mjernog načela / *introducing a new test method within the same measurement principle*
2. uvođenje nove pretrage/parametra u okviru već postojeće akreditirane metode / *introducing a new examination / parameter within the existing accredited method*
3. uvođenje nove vrste uzorka humanog porijekla u okviru već postojeće akreditirane metode / *introducing of a new type of human sample within the existing accredited method*
4. uvođenje novog mjernog područja / referentnih intervala / *introducing of a new measurement range / reference values*

Važeći popis akreditiranih metoda iz fleksibilnog područja akreditacije dostupan je u laboratoriju na zahtjev. / *The valid list of accredited methods in the flexible scope is available in laboratory on request.*

Vinogradska 29, HR-10000 Zagreb

Toksikologija / Toxicology

Br. No.	Pretraga Examination	Postupak/izdanje* Procedure/revision	Vrsta ispitivanja Type of examination	Uzorak Sample
1.	Ciklosporin <i>Cyclosporine</i>	MP-5.5-031-57	Kemiluminiscentna imunometoda na mikročesticama (CMIA) <i>Chemiluminescent microparticle immunoassay</i>	Puna krv <i>Whole blood</i>
2.	Digoksin <i>Digoxin</i>	MP-5.5-031-58	Kemiluminiscentna imunometoda na mikročesticama (CMIA) <i>Chemiluminescent microparticle immunoassay</i>	Serum <i>Serum</i>
3.	Fenobarbiton <i>Phenobarbiton</i>	MP-5.5-031-59	Kemiluminiscentna imunometoda na mikročesticama (CMIA) <i>Chemiluminescent microparticle immunoassay</i>	Serum <i>Serum</i>
4.	Karbamazepin <i>Carbamazepine</i>	MP-5.5-031-60	Kemiluminiscentna imunometoda na mikročesticama (CMIA) <i>Chemiluminescent microparticle immunoassay</i>	Serum <i>Serum</i>
5.	Valproična kiselina <i>Valproic acid</i>	MP-5.5-031-61	Kemiluminiscentna imunometoda na mikročesticama (CMIA) <i>Chemiluminescent microparticle immunoassay</i>	Serum <i>Serum</i>
6.	Etanol <i>Ethanol</i>	MP-5.5-031-63	Fotometrija <i>Photometry</i>	Serum <i>Serum</i>
7.	Gentamicin <i>Gentamicin</i>	MP-5.5-031-87	Kemiluminiscentna imunometoda na mikročesticama (CMIA) <i>Chemiluminescent microparticle immunoassay</i>	Serum <i>Serum</i>
8.	Vankomicin <i>Vancomycin</i>	MP-5.5-031-88	Kemiluminiscentna imunometoda na mikročesticama (CMIA) <i>Chemiluminescent microparticle immunoassay</i>	Serum <i>Serum</i>

Laboratorijska hematologija/Laboratory Haematology

Br. No.	Pretraga Examination	Postupak/izdanje* Procedure/revision	Vrsta ispitivanja Type of examination	Uzorak Sample
1.	Kompletna krvna slika Haematology parameters on automated analyzer with differential blood count	MP-5.5-041-32 MP-5.5-041-34 MP-5.5-041-35 MP-5.5-041-36 MP-5.5-041-33 MP-5.5-041-51 MP-5.5-041-37 MP-5.5-041-38 MP-5.5-041-39 MP-5.5-041-40 MP-5.5-041-41 MP-5.5-041-66 MP-5.5-041-42 MP-5.5-041-7 MP-5.5-041-8 MP-5.5-041-67 MP-5.5-041-50 MP-5.5-041-59 MP-5.5-041-52 MP-5.5-041-53 MP-5.5-041-54 MP-5.5-041-55 MP-5.5-041-56 MP-5.5-041-57 MP-5.5-041-58 MP-5.5-041-65	Impedancija i volumetrija Impedance and volumetry Spektrofotometrija Spectrophotometry VCS (volumetrija, provodljivost, raspršenje) VCS (volumetry, conductivity & scattering) Računski parametri Calculated parameters Protočna citometrija i hidrodinamičko fokusiranje Flow citometry and Sheath flow Hidrodinamičko fokusiranje Sheath flow Protočna citometrija i fluorescencija Flow citometry and Fluorescence	Puna krv Whole blood
2.	Retikulociti (x10 ⁹ /L) Reticulocytes	MP-5.5-041-9	VCS (volumetrija, provodljivost, raspršenje) VCS (volumetry, conductivity & scattering)	Puna krv Whole blood
3.	Retikulociti (x10 ⁹ /L) Reticulocytes – flow citometry	MP-5.5-041-60	Protočna citometrija i fluorescencija Flow citometry and Fluorescence	Puna krv Whole blood
4.	DKS svjetlosna mikroskopija Leukocyte differential-peripheral blood smear	MP-5.5-041-24	Mikroskopski pregled Microscopic examination	Puna krv Whole blood
5.	Sedimentacija eritrocita – modifikacija metode po Westergrenu Erythrocytes sedimentation rate – modified Westergren method	MP-5.5-041-29	Makroskopsko očitavanje stupca plazme Westergren method (macroscopic examine of erythrocytes sedimentation rate)	Puna krv Whole blood
6.	Osmotska rezistencija eritrocita Osmotic fragility test	MP-5.5-041-31	Fotometrija Photometry	Puna krv Whole blood
7.	Krvne stanice u punktatima - eritrociti Body fluid cells erythrocytes	MP-5.5-041-62	Hidrodinamičko fokusiranje Sheath flow	Punktati Extravascular body fluid

**HAA**Hrvatska akreditacijska agencija
Croatian Accreditation Agency**Prilog potvrdi o akreditaciji**

Annex to the Accreditation Certificate

Datum izdanja priloga/ Annex Issued on

Zamjenjuje prilog od/Replaces Annex dated:

7132

2017-12-28

2017-09-19

Br. No.	Pretraga Examination	Postupak/izdanje* Procedure/revision	Vrsta ispitivanja Type of examination	Uzorak Sample
8.	Krvne stanice u punktatima - leukociti <i>Body fluid cells leukocytes</i>	MP-5.5-041-63	Protočna citometrija i fluorescencija <i>Flow cytometry and Fluorescence</i>	Punktati <i>Extravascular body fluid</i>
9.	Leukociti u likvoru <i>Leukocyte in CSF (all but erythrocytes)</i>	MP-5.5-041-68	Protočna citometrija i fluorescencija <i>Flow cytometry and Fluorescence</i>	Likvor <i>Cerebrospinal fluid</i>
10.	Eritrociti u likvoru <i>Erythrocytes in CSF</i>	MP-5.5-041-69	Hidrodinamičko fokusiranje <i>Sheath flow</i>	Likvor <i>Cerebrospinal fluid</i>
11.	Vrsta stanica u likvoru <i>Type of cells in CSF</i>	MP-5.5-041-70	Protočna citometrija i fluorescencija <i>Flow cytometry and Fluorescence</i>	Likvor <i>Cerebrospinal fluid</i>

Laboratorijska koagulacija/Laboratory Coagulation

Br. No.	Pretraga <i>Examination</i>	Postupak/izdanje* <i>Procedure/revision</i>	Vrsta ispitivanja <i>Type of examination</i>	Uzorak <i>Sample</i>
1.	Protrombinsko vrijeme INR (PV INR) – Coaguchek XS System <i>Prothrombin time INR (PT INR) – Coaguchek XS System</i>	MP-5.5-042-5	Refleksna fotometrija <i>Reflectance photometry</i>	Puna kapilarna krv <i>Whole capillary blood</i>
2.	D-dimeri <i>D-dimers</i>	MP-5.5-042-11	Imunoturbidimetrija <i>Immunoturbidimetry</i>	Plazma <i>Plasma</i>
3.	von Willebrandov faktor (vWF Ri:Co) - % aktivnosti <i>Von Willebrand Factor (vWF Ri:Co) - % activity</i>	MP-5.5-042-27	Turbidimetrija <i>Turbidimetry</i>	Plazma <i>Plasma</i>
4.	Fibrinogen <i>Fibrinogen</i>	MP-5.5-042-1	Koagulometrija <i>Coagulometry</i>	Plazma <i>Plasma</i>
5.	Protrombinsko vrijeme (PV) - % aktivnosti <i>Prothrombin time (PT) - % activity</i>	MP-5.5-042-2		
6.	Protrombinsko vrijeme INR (PV INR) <i>Prothrombin time INR (PT INR)</i>	MP-5.5-042-3		
7.	Aktivirano parcijalno tromboplastinsko vrijeme (APTV) – sekunde <i>Activated partial thromboplastin time (APTT) – seconds</i>	MP-5.5-042-6		
8.	Aktivirano parcijalno tromboplastinsko vrijeme (APTV) – omjer <i>Activated partial thromboplastin time (APTT) – ratio</i>	MP-5.5-042-7		
9.	APTV(s) test miješanja uz LAC <i>APTT(s) mixing test for LAC</i>	MP-5.5-042-47		
10.	Trombinsko vrijeme (TV) <i>Thrombin time (TT)</i>	MP-5.5-042-8		
11.	Faktor II (FII) - % aktivnosti <i>Factor II (FII) - % activity</i>	MP-5.5-042-18		
12.	Faktor V (FV) - % aktivnosti <i>Factor V (FV) - % activity</i>	MP-5.5-042-19		
13.	Faktor VII (FVII) - % aktivnosti <i>Factor VII (FVII) - % activity</i>	MP-5.5-042-20		
14.	Faktor VIII (FVIII) - % aktivnosti <i>Factor VIII (FVIII) - % activity</i>	MP-5.5-042-21		
15.	Faktor IX (FIX) - % aktivnosti <i>Factor IX (FIX) - % activity</i>	MP-5.5-042-22	Koagulometrija <i>Coagulometry</i>	Plazma <i>Plasma</i>
16.	Faktor X (FX) - % aktivnosti <i>Factor X (FX) - % activity</i>	MP-5.5-042-23		
17.	Faktor XI (FXI) - % aktivnosti <i>Factor XI (FXI) - % activity</i>	MP-5.5-042-24		

Br. No.	Pretraga <i>Examination</i>	Postupak/izdanje* <i>Procedure/revision</i>	Vrsta ispitivanja <i>Type of examination</i>	Uzorak <i>Sample</i>
18.	Faktor XII (FXII) - % aktivnosti <i>Factor XII (FXII) - % activity</i>	MP-5.5-042-25	Koagulometrija <i>Coagulometry</i>	Plazma <i>Plasma</i>
19.	Lupus antikoagulant (LAC) – omjer <i>Lupus anticoagulant (LAC) – ratio</i>	MP-5.5-042-28		
20.	Inhibitor faktora VIII <i>Factor VIII inhibitor</i>	MP-5.5-042-32		
21.	Rezistencija na aktivirani protein C (APC rezistencija, APCR) <i>Activated protein C resistance (APC resistance, APCR)</i>	MP-5.5-042-17		
22.	Protein S (PS) - % aktivnosti <i>Protein S (PS) – % activity</i>	MP-5.5-042-15		
23.	Faktor XIII (FXIII) - % aktivnosti <i>Factor XIII (FXIII) - % activity</i>	MP-5.5-042-26	Kromogena metoda <i>Chromogenic assay</i>	Plazma <i>Plasma</i>
24.	Plazminogen - % aktivnosti <i>Plasminogen - % activity</i>	MP-5.5-042-45		
25.	Antitrombin (AT) - % aktivnosti <i>Antithrombin (AT) - % activity</i>	MP-5.5-042-13		
26.	Protein C (PC) - % aktivnosti <i>Protein C (PC) - % activity</i>	MP-5.5-042-14		
27.	Heparin anti-Xa aktivnost <i>Heparin anti-Xa activity</i>	MP-5.5-042-48/1		

Molekularna dijagnostika/Molecular Diagnostics

Br. No.	Pretraga Examination	Postupak/izdanje* Procedure/revision	Vrsta ispitivanja Type of examination	Uzorak Sample
1.	5-HTTLPR L/S polimorfizam (genotipizacija serotoninskog transportera) 5-HTTLPR L/S polymorphism (serotonin transporter genotyping)	MP-5.5-060-4	Lančana reakcija polimeraze (PCR) Polymerase chain reaction (PCR)	DNA izolirana iz pune krvi Whole blood isolated DNA
2.	ACE (ID polimorfizam), genotipizacija angiotenzin konvertaze Angiotensin converting enzyme (ACE) - genotyping of I/D polymorphism	MP-5.5-060-11		
3.	UGT1A1 (TA6/7) genotipizacija UDP-glukuronil-transferaze (Gilbertov sindrom) UDP glucuronyl transferase (UGT1A1, Gilbert syndrome) - genotyping of allele *28 (TA6/7)	MP-5.5-060-12		
4.	JAK2 (V617F), stečena mutacija tirozin kinaze JAK2 (Val617Phe) JAK2 (V617F), acquired mutation of the tyrosine kinase JAK2 (Val617Phe)	MP-5.5-060-40		
5.	CYP2C9 (*2,*3), genotipizacija citokroma P-450 CYP2C9 - genotyping of alleles *2 and *3	MP-5.5-060-1	Analiza krivulje taljenja Melting curve analysis	DNA izolirana iz pune krvi Whole blood isolated DNA
6.	CYP2C19 (*2,*3), genotipizacija citokroma P-450 CYP2C19 - genotyping of alleles *2 and *3	MP-5.5-060-2		
7.	VKORC1 (C1173T, G1639A) genotipizacija gena podjedinice 1 K-vitamin reduktaze VKORC1 (C1173T, G1639A) genotyping of Vitamin K epoxide reductase complex subunit 1	MP-5.5-060-3		
8.	HFE (H63D, S65C, C282Y), genotipizacija nasljedne hemokromatoze HFE (H63D, S65C, C282Y), genotyping of Hereditary hemochromatosis	MP-5.5-060-21		

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Br. No.	Pretraga <i>Examination</i>	Postupak/izdanje* <i>Procedure/revision</i>	Vrsta ispitivanja <i>Type of examination</i>	Uzorak <i>Sample</i>
9.	Alfa-1-antitripsin (AAT) – genotipizacija alela PiZ (Glu342Lys) i PiS (Glu264Val) <i>Alfa-1-antitrypsin (AAT) – genotyping of alleles PiZ (Glu342Lys) and PiS (Glu264Val)</i>	MP-5.5-060-22	Analiza krivulje taljenja <i>Melting curve analysis</i>	DNA izolirana iz pune krvi <i>Whole blood isolated DNA</i>
10.	Faktor koagulacije V - genotipizacija mutacije G1691A (Leiden) (LightCycler) <i>Coagulation factor V - genotyping of G1691A (Leiden) mutation (LightCycler)</i>	MP-5.5-060-31		
11.	Faktor koagulacije II (protrombin) - genotipizacija mutacije G20210A (LightCycler) <i>Coagulation factor II (prothrombin) - genotyping of G20210A mutation (LightCycler)</i>	MP-5.5-060-32		
12.	Apolipoprotein E (Apo E) – genotipizacija alela E2, E3 i E4 (LightCycler) <i>Apolipoprotein E (Apo E) - genotyping of alleles E2, E3 i E4 (LightCycler)</i>	MP-5.5-060-33		
13.	Inhibitor aktivatora plazminogena-1 (PAI-1) - genotipizacija polimorfizma 4G/5G (LightCycler) <i>Plasminogen activator inhibitor-1 (PAI-1) - genotyping of 4G/5G polymorphism (LightCycler)</i>	MP-5.5-060-34		
14.	Metilentetrahidrofolat reduktaza (MTHFR) - genotipizacija polimorfizma C677T (LightCycler) <i>Methylenetetrahydrofolate reductase (MTHFR) - genotyping of C677T polymorphism (LightCycler)</i>	MP-5.5-060-35		

Laboratorijska hematologija/Laboratory Haematology

Br. No.	Pretraga Examination	Postupak/izdanje* Procedure/revision	Vrsta ispitivanja Type of examination	Uzorak Sample
1.	Kompletna krvna slika Haematology parameters on automated analyzer with differential blood count	MP-5.5-083-1(E) MP-5.5-083-2(Hb) MP-5.5-083-5(L) MP-5.5-083-8(Htc) MP-5.5-083-10(MCV) MP-5.5-083-12(MCH) MP-5.5-083-14(MCHC) MP-5.5-083-16(Trb) MP-5.5-083-17(Neutro) MP-5.5-083-18(Limfo) MP-5.5-083-19(Mono) MP-5.5-083-20(Eo) MP-5.5-083-21(Bazo) MP-5.5-083-25(RDW) MP-5.5-083-26(MPV) MP-5.5-083-29 (E) MP-5.5-083-30 (Hb) MP-5.5-083-31 (L) MP-5.5-083-32 (Trb) MP-5.5-083-33 (MPV) MP-5.5-083-34 (MCH) MP-5.5-083-35 (MCV) MP-5.5-083-36 (MCHC) MP-5.5-083-37 (Htc) MP-5.5-083-38 (RDW) MP-5.5-083-39 (Neutr) MP-5.5-083-40 (Limfo) MP-5.5-083-41 (Mono) MP-5.5-083-42 (Eo) MP-5.5-083-43 (Bazo)	Impedancija Impedantion Fotometrija/ Photometry Protočna citometrija Flow citometry Računski parametri Calculated parameters	Puna krv Whole blood
2.	DKS svjetlosna mikroskopija Leukocyte differential-peripheral blood smear	MP-5.5-083-24	Mikroskopski pregled Microscopic examination	Puna krv Whole blood

Laboratorijska koagulacija/Laboratory Coagulation

Br. No.	Pretraga Examination	Postupak/izdanje* Procedure/revision	Vrsta ispitivanja Type of examination	Uzorak Sample
1.	Protrombinsko vrijeme (PV) – udio Prothrombin time (PT) - ratio	MP-5.5-084-1	Koagulometrija Coagulometry	Plazma Plasma
2.	Protrombinsko vrijeme INR (PV INR) Prothrombin time INR (PT INR)	MP-5.5-084-3		
3.	Aktivirano parcijalno tromboplastinsko vrijeme (APTV) – sekunde Activated partial thromboplastin time (APTT) – seconds	MP-5.5-084-4		

Br. No.	Pretraga Examination	Postupak/izdanje* Procedure/revision	Vrsta ispitivanja Type of examination	Uzorak Sample
4.	Aktivirano parcijalno tromboplastinsko vrijeme (APTV) – omjer <i>Activated partial thromboplastin time (APTT) – ratio</i>	MP-5.5-084-5		
5.	Fibrinogen <i>Fibrinogen</i>	MP-5.5-084-6		
6.	Antitrombin	MP-5.5-084-7	Kromogena metoda <i>Chromogenic assay</i>	Plazma <i>Plasma</i>

Draškovićeve 19, HR-10000 Zagreb

Laboratorijska hematologija/Laboratory Haematology

Br. No.	Pretraga Examination	Postupak/izdanje* Procedure/revision	Vrsta ispitivanja Type of examination	Uzorak Sample
1.	Kompletna krvna slika <i>Haematology parameters on automated analyzer with differential blood count</i>	MP-5.5-083-1(E) MP-5.5-083-2(Hb) MP-5.5-083-5(L) MP-5.5-083-8(Htc) MP-5.5-083-10(MCV) MP-5.5-083-12(MCH) MP-5.5-083-14(MCHC) MP-5.5-083-16(Trb) MP-5.5-083-17(Neutro) MP-5.5-083-18(Limfo) MP-5.5-083-19(Mono) MP-5.5-083-20(Eo) MP-5.5-083-21(Bazo) MP-5.5-083-25(RDW) MP-5.5-083-26(MPV) MP-5.5-083-29 (E) MP-5.5-083-30 (Hb) MP-5.5-083-31 (L) MP-5.5-083-32 (Trb) MP-5.5-083-33 (MPV) MP-5.5-083-34 (MCH) MP-5.5-083-35 (MCV) MP-5.5-083-36 (MCHC) MP-5.5-083-37 (Htc) MP-5.5-083-38 (RDW) MP-5.5-083-39 (Neutr) MP-5.5-083-40 (Limfo) MP-5.5-083-41 (Mono) MP-5.5-083-42 (Eo) MP-5.5-083-43 (Bazo)	Impedancija <i>Impedantion</i> Fotometrija/ <i>Photometry</i> Protočna citometrija <i>Flow citometry</i> Računski parametri <i>Calculated parameters</i>	Puna krv <i>Whole blood</i>
2.	DKS svjetlosna mikroskopija <i>Leukocyte differential-peripheral blood smear</i>	MP-5.5-083-24	Mikroskopski pregled <i>Microscopic examination</i>	Puna krv <i>Whole blood</i>

**Laboratorijska koagulacija/Laboratory Coagulation**

Br. No.	Pretraga Examination	Postupak/izdanje* Procedure/revision	Vrsta ispitivanja Type of examination	Uzorak Sample
1.	Protrombinsko vrijeme (PV) – udio <i>Prothrombin time (PT) - ratio</i>	MP-5.5-084-1	Koagulometrija <i>Coagulometry</i>	Plazma <i>Plasma</i>
2.	Protrombinsko vrijeme INR (PV INR) <i>Prothrombin time INR (PT INR)</i>	MP-5.5-084-3		
3.	Aktivirano parcijalno tromboplastinsko vrijeme (APTV) – sekunde <i>Activated partial thromboplastin time (APTT) – seconds</i>	MP-5.5-084-4		
4.	Aktivirano parcijalno tromboplastinsko vrijeme (APTV) – omjer <i>Activated partial thromboplastin time (APTT) – ratio</i>	MP-5.5-084-5		
5.	Fibrinogen <i>Fibrinogen</i>	MP-5.5-084-6		
6.	Antitrombin	MP-5.5-084-7	Kromogena metoda <i>Chromogenic assay</i>	Plazma <i>Plasma</i>

* Fleksibilno područje akreditacije - dopuštena je primjena novih izdanja norma/vlastitih metoda za metode ispitivanja za koje nije označena godina/izdanje. / *Flexible scope of accreditation - use of new editions of standards/In-house methods for test methods without indicated year of publication/edition is allowed.*

Važeći popis akreditiranih metoda iz fleksibilnog područja akreditacije dostupan je u laboratoriju na zahtjev. / *The valid list of accredited methods in the flexible scope is available in laboratory on request.*