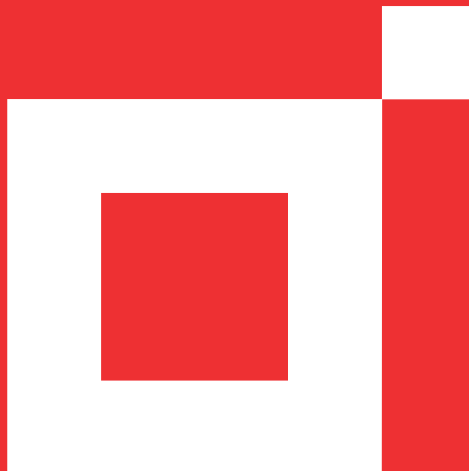




Potvrda o akreditaciji Accreditation Certificate

Ovime se utvrđuje da je
This is to recognize that

**Opća bolnica Zabok i bolnica hrvatskih veterana
Medicinsko biokemijski laboratorij**
Bračak 8, HR-49210 Zabok

osposobljen prema zahtjevima norme
is competent according to
HRN EN ISO 15189:2022
(ISO 15189:2022;
EN ISO 15189:2022
za/to carry out

**Medicinska biokemija - ispitivanja u području kliničke kemije,
analitičke toksikologije, laboratorijske imunologije,
laboratorijske hematologije i koagulacije**
Medical Biochemistry – Testing in the Field of Clinical Chemistry,
Analytical Toxicology, Laboratory Immunology, Laboratory Hematology
and Coagulation

**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.: 7546
Klasa/Ref.No.: 383-02/21-35/001
Urbroj/Id.No.: 569-02/3-25-27
Zagreb, 2025-05-26

Akreditacija istječe-Accreditation expiry: 2026-12-13
Prva akreditacija-Initial accreditation: 2016-12-14

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

Ravnateljica:
Director General:
mr. sc. Mirela Zečević



HAA

Hrvatska akreditacijska agencija
Croatian Accreditation Agency

PRILOG POTVRDI O AKREDITACIJI br: 7546

Annex to Accreditation Certificate Number:

Klasa/Ref. No.: 383-02/21-35/001

Urbroj/Id. No.: 569-02/3-25-26

Datum izdanja priloga /Annex Issued on: 2025-05-26

Zamjenjuje prilog/Replaces Annex:

Klasa/Ref. No.: 383-02/21-35/001

Urbroj/Id. No.: 569-02/3-23-18

Datum/Date: 2023-05-26

Norma: HRN EN ISO 15189:2022

Standard: (ISO 15189:2022; EN ISO 15189:2022)

Akreditacija istječe: 2026-12-13

Accreditation expiry:

Prva akreditacija: 2016-12-14

Initial accreditation:

Akreditirani medicinski laboratorij

Accredited medical laboratory

Opća bolnica Zabok i bolnica hrvatskih veterana

Medicinsko biokemijski laboratorij

Bračak 8, HR-49 210 Zabok

Područje akreditacije:

Scope of Accreditation:

**Medicinska biokemija - ispitivanja u području kliničke kemije, analitičke toksikologije,
laboratorijske imunologije, laboratorijske hematologije i koagulacije**

*Medical Biochemistry – Testing in the Field of Clinical Chemistry, Analytical Toxicology,
Laboratory Immunology, Laboratory Hematology and Coagulation*

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

Ravnateljica:

Director General:

mr. sc. Mirela Zečević

PODRUČJE AKREDITACIJE / SCOPE OF ACCREDITATION

Klinička kemija/ Clinical chemistry

Br. No.	Pretaga Examination	Postupak/izdanje Procedure/revision	Vrsta ispitivanja Type of examination	Uzorak Sample
1.	Alanin-aminotransferaza Alanine aminotransferase	LAB-SOP-7.3-13/0 2024-08-12	Fotometrija Photometry	Serum Serum
2.	Alkalna fosfataza Alkaline phosphatase	LAB-SOP-7.3-11/0 2024-08-12	Fotometrija Photometry	Serum Serum
3.	α -amilaza α -amylase	LAB-SOP-7.3-15/0 2024-08-12	Fotometrija Photometry	Serum Serum
4.	Aspartat-aminotransferaza Aspartate aminotransferase	LAB-SOP-7.3-12/0 2024-08-12	Fotometrija Photometry	Serum Serum
5.	γ -glutamiltransferaza γ -glutamyltransferase	LAB-SOP-7.3-14/0 2024-08-12	Fotometrija Photometry	Serum Serum
6.	Kreatin-kinaza Creatine kinase	LAB-SOP-7.3-17/0 2024-08-12	Fotometrija Photometry	Serum Serum
7.	Laktat-dehidrogenaza Lactate dehydrogenase	LAB-SOP-7.3-19/1 2025-03-25	Fotometrija Photometry	Serum Serum
8.	Lipaza Lipase	LAB-SOP-7.3-16/0 2024-08-12	Fotometrija Photometry	Serum Serum
9.	Ukupni bilirubin Total bilirubin	LAB-SOP-7.3-21/0 2024-08-12	Fotometrija Photometry	Serum Serum
10.	Konjugirani bilirubin Conjugated bilirubin	LAB-SOP-7.3-22/0 2024-08-12	Fotometrija Photometry	Serum Serum
11.	Glukoza Glucose	LAB-SOP-7.3-27/0 2024-08-12	Fotometrija Photometry	Serum, plazma Serum, plasma
12.	Ureja Urea	LAB-SOP-7.3-36/0 2024-08-12	Fotometrija Photometry	Serum Serum
13.	Urati Urates	LAB-SOP-7.3-37/0 2024-08-12	Fotometrija Photometry	Serum Serum
14.	Kreatinin Creatinine	LAB-SOP-7.3-25/0 2024-08-12	Fotometrija - Kompenzirani Jaffe Photometry - Compensated Jaffe	Serum Serum
15.	Kreatinin enzimatski Creatinine enzymatic	LAB-SOP-7.3-26/0 2024-08-12	Fotometrijska enzimaska metoda Photometric enzymatic method	Serum Serum
16.	Ukupni kolesterol Total cholesterol	LAB-SOP-7.3-24/0 2024-08-12	Fotometrija Photometry	Serum Serum

Br. No.	Pretaga Examination	Postupak/izdanje Procedure/revision	Vrsta ispitivanja Type of examination	Uzorak Sample
17.	HDL-kolesterol <i>HDL-cholesterol</i>	LAB-SOP-7.3-28/0 2024-08-12	Fotometrija <i>Photometry</i>	Serum <i>Serum</i>
18.	LDL-kolesterol <i>LDL-cholesterol</i>	LAB-SOP-7.3-31/0 2024-08-12	Fotometrija <i>Photometry</i>	Serum <i>Serum</i>
19.	Trigliceridi <i>Triglycerides</i>	LAB-SOP-7.3-34/0 2024-08-12	Fotometrija <i>Photometry</i>	Serum <i>Serum</i>
20.	Ukupni kalcij <i>Total Calcium</i>	LAB-SOP-7.3-23/0 2024-08-12	Fotometrija <i>Photometry</i>	Serum <i>Serum</i>
21.	Anorganski fosfati <i>Inorganic phosphorous</i>	LAB-SOP-7.3-29/0 2024-08-12	Fotometrija <i>Photometry</i>	Serum <i>Serum</i>
22.	Ukupni magnezij <i>Total magnesium</i>	LAB-SOP-7.3-32/0 2024-08-12	Fotometrija <i>Photometry</i>	Serum <i>Serum</i>
23.	Željezo <i>Iron</i>	LAB-SOP-7.3-30/0 2024-08-12	Fotometrija <i>Photometry</i>	Serum <i>Serum</i>
24.	Nezasićeni kapacitet vezanja željeza <i>Unsaturated iron binding capacity</i>	LAB-SOP-7.3-35/0 2024-08-12	Fotometrija <i>Photometry</i>	Serum <i>Serum</i>
25.	Ukupni proteini <i>Total proteins</i>	LAB-SOP-7.3-33/0 2024-08-12	Fotometrija <i>Photometry</i>	Serum <i>Serum</i>
26.	Albumin <i>Albumin</i>	LAB-SOP-7.3-20/0 2024-08-12	Fotometrija <i>Photometry</i>	Serum <i>Serum</i>
27.	Kreatin-kinaza MB <i>Creatine kinase MB</i>	LAB-SOP-7.3-18/0 2024-08-12	Fotometrija <i>Photometry</i>	Serum <i>Serum</i>
28.	C-reaktivni protein <i>C-reactive protein</i>	LAB-SOP-7.3-40/0 2024-08-12	Imunoturbidimetrija <i>Immunoturbidimetry</i>	Serum, plazma <i>Serum, plasma</i>
29.	Natrij <i>Sodium</i>	LAB-SOP-7.3-44/0 2024-08-12	Indirektna potencijometrija <i>Indirect potentiometry</i>	Serum <i>Serum</i>
30.	Kalij <i>Potassium</i>	LAB-SOP-7.3-45/0 2024-08-12	Indirektna potencijometrija <i>Indirect potentiometry</i>	Serum <i>Serum</i>
31.	Kloridi <i>Chloride</i>	LAB-SOP-7.3-46/0 2024-08-12	Indirektna potencijometrija <i>Indirect potentiometry</i>	Serum <i>Serum</i>
32.	Hemoglobin A1c <i>Hemoglobin A1c</i>	LAB-SOP-7.3-126/0 2024-08-12	Tekućinska kromatografija visoke učinkovitosti s izmjenom iona <i>Ion-exchange high performance liquid chromatography</i>	Puna krv <i>Whole blood</i>
33.	α1-fetoprotein <i>α1-fetoprotein</i>	LAB-SOP-7.3-103/0 2024-08-12	Kemiluminiscentna imunoanaliza <i>Chemiluminiscent Immunoassay</i>	Serum <i>Serum</i>

Br. No.	Pretaga Examination	Postupak/izdanje Procedure/revision	Vrsta ispitivanja Type of examination	Uzorak Sample
34.	Ugljikohidratni antigen 15-3 Carbohydrate antigen 15-3	LAB-SOP-7.3-105/0 2024-08-12	Kemiluminiscentna imunoanaliza Chemiluminiscent immunoassay	Serum Serum
35.	Ugljikohidratni antigen 125 Carbohydrate antigen 125	LAB-SOP-7.3-104/0 2024-08-12	Kemiluminiscentna imunoanaliza Chemiluminiscent immunoassay	Serum Serum
36.	Ugljikohidratni antigen 19-9 Carbohydrate antigen 19-9	LAB-SOP-7.3-120/0 2024-08-12	Kemiluminiscentna imunoanaliza Chemiluminiscent immunoassay	Serum Serum
37.	Karcinoembrionalni antigen Carcinoembryonic antigen	LAB-SOP-7.3-106/0 2024-08-12	Kemiluminiscentna imunoanaliza Chemiluminiscent Immunoassay	Serum Serum
38.	Ukupni prostata-specifični antigen Prostate specific antigen	LAB-SOP-7.3-123/0 2024-08-12	Kemiluminiscentna imunoanaliza Chemiluminiscent immunoassay	Serum Serum
39.	Slobodni prostata-specifični antigen Free prostate specific antigen	LAB-SOP-7.3-117/0 2024-08-12	Kemiluminiscentna imunoanaliza Chemiluminiscent immunoassay	Serum Serum
40.	Ukupna β -podjedinica humanog korionskog gonadotropina Total β -subunit of human chorionic gonadotropin	LAB-SOP-7.3-124/0 2024-08-12	Kemiluminiscentna imunoanaliza Chemiluminiscent immunoassay	Serum Serum
41.	Ukupni trijodtironin Total triiodthyronine	LAB-SOP-7.3-118/0 2024-08-12	Kemiluminiscentna imunoanaliza Chemiluminiscent immunoassay	Serum Serum
42.	Ukupni tiroksin Total thyroxine	LAB-SOP-7.3-114/0 2024-08-12	Kemiluminiscentna imunoanaliza Chemiluminiscent immunoassay	Serum Serum
43.	Tireoidni stimulirajući hormon- Tireotropin Thyrotropin	LAB-SOP-7.3-116/0 2024-08-12	Kemiluminiscentna imunoanaliza Chemiluminiscent Immunoassay	Serum Serum
44.	Slobodni tiroksin Free thyroxine	LAB-SOP-7.3-108/0 2024-08-12	Kemiluminiscentna imunoanaliza Chemiluminiscent Immunoassay	Serum Serum

Br. No.	Pretaga Examination	Postupak/izdanje Procedure/revision	Vrsta ispitivanja Type of examination	Uzorak Sample
45.	Slobodni trijodtironin <i>Free triiodothyronine</i>	LAB-SOP-7.3-109/0 2024-08-12	Kemiluminiscentna imunoanaliza <i>Chemiluminiscent immunoassay</i>	Serum <i>Serum</i>
46.	Albumin <i>Albumin</i>	LAB-SOP-7.3-42/0 2024-08-12	Imunoturbidimetrija <i>Immunoturbidimetry</i>	Mokraća <i>Urine</i>
47.	α -amilaza <i>α-amylase</i>	LAB-SOP-7.3-91/0 2024-08-12	Fotometrija <i>Photometry</i>	Mokraća <i>Urine</i>
48.	Anorganski fosfati <i>Inorganic phosphorous</i>	LAB-SOP-7.3-92/0 2024-08-12	Fotometrija <i>Photometry</i>	Mokraća <i>Urine</i>
49.	Ukupni kalcij <i>Total Calcium</i>	LAB-SOP-7.3-95/0 2024-08-12	Fotometrija <i>Photometry</i>	Mokraća <i>Urine</i>
50.	Kalij <i>Potassium</i>	LAB-SOP-7.3-94/0 2024-08-12	Indirektna potencijometrija <i>Indirect potentiometry</i>	Mokraća <i>Urine</i>
51.	Kreatinin <i>Creatinine</i>	LAB-SOP-7.3-89/0 2024-08-12	Kontinuirana fotometrijska metoda (Jaffe-ova metoda) <i>Kinetic colour test (Jaffe method)</i>	Mokraća <i>Urine</i>
52.	Natrij <i>Sodium</i>	LAB-SOP-7.3-93/0 2024-08-12	Indirektna potencijometrija <i>Indirect potentiometry</i>	Mokraća <i>Urine</i>
53.	Ukupni proteini <i>Total proteins</i>	LAB-SOP-7.3-38/0 2024-08-12	Fotometrija <i>Photometry</i>	Mokraća <i>Urine</i>
54.	Urati <i>Urates</i>	LAB-SOP-7.3-90/0 2024-08-12	Fotometrija <i>Photometry</i>	Mokraća <i>Urine</i>
55.	Elektroforeza proteina u serumu <i>Serum protein Electrophoresis</i>	LAB-SOP-7.3-122/0 2024-08-12	Kapilarna elektroforeza <i>Capillary electrophoresis</i>	Serum <i>Serum</i>
56.	Feritin <i>Ferritin</i>	LAB-SOP-7.3-136/0 2024-08-12	Kemiluminiscentna imunoanaliza <i>Chemiluminiscent Immunoassay</i>	Serum <i>Serum</i>
57.	Folna kiselina <i>Folic acid</i>	LAB-SOP-7.3-134/0 2024-08-12	Kemiluminiscentna imunoanaliza <i>Chemiluminiscent Immunoassay</i>	Serum <i>Serum</i>
58.	Vitamin B12 <i>Vitamin B12</i>	LAB-SOP-7.3-135/0 2024-08-12	Kemiluminiscentna imunoanaliza <i>Chemiluminiscent Immunoassay</i>	Serum <i>Serum</i>

Br. No.	Pretaga Examination	Postupak/izdanje Procedure/revision	Vrsta ispitivanja Type of examination	Uzorak Sample
59.	Vitamin D Vitamin D	LAB-SOP-7.3-127/0 2024-08-12	Kemiluminiscentna imunoanaliza Chemiluminiscent Immunoassay	Serum Serum
60.	PTH PTH	LAB-SOP-7.3-162/1 2025-03-20	Kemiluminiscentna imunoanaliza Chemiluminiscent Immunoassay	Serum Serum

Analitička toksikologija/ Analytical Toxicology

Br. No.	Pretaga Examination	Postupak/izdanje Procedure/revision	Vrsta ispitivanja Type of examination	Uzorak Sample
1.	Etilni alkohol Ethanol	LAB-SOP-7.3-80/0 2024-08-12	Fotometrija Photometry	Serum Serum

Laboratorijska imunologija/ Laboratory Immunology

Br. No.	Pretaga Examination	Postupak/izdanje Procedure/revision	Vrsta ispitivanja Type of examination	Uzorak Sample
1.	Anti TPO Anti TPO	LAB-SOP-7.3-140/0 2024-08-12	Kemiluminiscentna imunoanaliza Chemiluminiscent Immunoassay	Serum Serum
2.	Anti TG Anti TG	LAB-SOP-7.3-139/0 2024-08-12	Kemiluminiscentna imunoanaliza Chemiluminiscent Immunoassay	Serum Serum

Laboratorijska hematologija i koagulacija/ Laboratory Hematology and Coagulation

Br. No.	Pretaga Examination	Postupak/izdanje Procedure/revision	Vrsta ispitivanja Type of examination	Uzorak Sample
1.	Kompletna krvna slika <i>Hematology parameters on automated analyzer with differential blood count</i>	LAB-SOP-7.3-05/0 2024-08-12	Hidrodinamičko fokusiranje <i>Hydro dynamic focusing</i> Protočna citometrija <i>Flow citometry</i> Fotometrija <i>Photometry</i> Računski parametri <i>Calculated parameter</i>	Puna krv <i>Whole blood</i>
2.	Protrombinsko vrijeme <i>Prothrombin time</i>	LAB-SOP-7.3-01/0 2024-08-12	Koagulometrija <i>Coagulometry</i>	Plazma <i>Plasma</i>
3.	Fibrinogen <i>Fibrinogen</i>	LAB-SOP-7.3-03/0 2024-08-12	Koagulometrija <i>Coagulometry</i>	Plazma <i>Plasma</i>
4.	Aktivirano parcijalno tromboplastinsko vrijeme <i>Activated partial thromboplastin time</i>	LAB-SOP-7.3-02/0 2024-08-12	Koagulometrija <i>Coagulometry</i>	Plazma <i>Plasma</i>
5.	D-dimeri <i>D-dimer</i>	LAB-SOP-7.3-142/0 2024-08-12	Imunoturbidimetrija <i>Immunoturbidimetry</i>	Plazma <i>Plasma</i>