

Naslov:

SEZNAM POSTOPKOV ZA IZVEDBO AKTUALNEGA
OBSEGA AKREDITIRANE METODE UGOTAVLJANJA
IDENTITETE OSEBE Z ANALIZO LOKUSOV STR IN
AMELOGENINSKEGA GENA (BIO-040)

Vrsta dokumenta:	SEZNAM	Področje uporabe:	SPLOŠNI DOKUMENTI
Datum izdaje:	17. 03. 2026	Šifra dokumenta:	BIO-057
Veljaven od:	17. 03. 2026	Verzija dokumenta:	2.00
Dokument izdal:	BIO		
Pripravil:	Gavril Hadžič	Datum:	17. 03. 2026
Pregledal:	Gregor Ključevšek	Datum:	17. 03. 2026
Odobril:	Gavril Hadžič	Datum:	17. 03. 2026

Trenutni obseg akreditirane metode "Ugotavljanje identitete osebe z analizo lokusov STR in amelogeninskega gena" (BIO-040), ki jo Oddelek za biološke preiskave uporablja za določanje identitete osebe, sledi, neznanih trupel in pogrešanih oseb zajema postopke, ki dopolnjujejo in podrobneje opredeljuje akreditirano metodo BIO-040, ver. 1.30 navedeno v prilogi akreditacijske listine LP-094.

List on the actual state of scope of the accredited method "Analysis of STRs and amelogenin gene for human identity testing" used by Biology department for determination of identity of persons, stains, unknowns bodies and missing persons covering the procedures that accomplishes and precisely defines accredited method BIO-040, ver. 1.30 listed in Annex to accreditation certificate no. LP-094.

Oznaka postopka / Internal procedure code	Izdaja / Issue	Naslov postopka / Title of procedure	Materiali; proizvodi / Materials; products	Parametri / parameters
Priprava vzorcev / Samples preparation				
BIO-004	1.30	Predpriprava in čiščenje kosti ali zob / Pretreatment and cleaning of bones or teeth	Kosti in zobje / Bones and teeth	/
BIO-006	1.30	Mletje kosti ali zob / Grinding bones or teeth	Kosti in zobje / Bones and teeth	/
BIO-044	1.40	Priprava vzorcev za določanje koncentracije in pomnoževanje z napravo Qiagility / PCR reaction setups, dilution, normalization with the benchtop instrument Qiagility	Izolati DNK/DNA isolate	/

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BIO-045	1.30	Priprava vzorcev za določanje koncentracije in pomnoževanje z robotskim sistemom Janus/ PCR reaction setups, dilution, normalization with automated workstation JANUS	Izolati DNK/DNA isolate	/
BIO-018	2.10	Vodenje zadev in ravnanje z materialom v BIO / Case management and handling of material in the BIO	Biološki vzorci; Sledi, odvzete s predmetov (npr. bris predmeta, oblačila, orožje); Izolati DNK in PCR produkti; Pozitivne in negativne kontrole; Dokazni predmeti in spremna dokumentacija; Rezultati analiz (genotipi, elektroferogrami); Reagenti, delovni listi, evidenčni zapisi / Biological samples; Traces collected from objects (e.g. swab from item, clothing, weapons); DNA isolates and PCR products; Positive and negative controls; Evidence items and accompanying documentation; Analysis results (genotypes, electropherograms); Reagents, work sheets, and record logs	Oznaka zadeve in vzorcev; Mesto in način odvzema; Datum, čas in kraj odvzema ali postopka; Izvajalec odvzema ali laboratorijske faze; Način pošiljanja, shranjevanja, uničenja; Temperatura, lokacija, LOT reagenta; Stanje vzorca, evidenca uporabe ali dostopa; Validacija rezultatov, skladnost s postopki; Vnos v SPIS/FIO in verifikacija. / Case and sample identification; Location and method of collection; Date, time, and place of collection or procedure; Person performing the collection or laboratory step; Method of transfer, storage, or destruction; Temperature, storage location, reagent LOT number; Sample condition, usage or access record; Result validation, compliance with procedures; Entry into SPIS/FIO and verification
Izolacija DNK/DNA isolation				
BIO-003	2.00	Izolacija DNK z uporabo komercialnega reagenta Chelex / DNA isolation using Chelex commercial reagent	Različni biološki material/ Various biological material	/
BIO-007	1.80	Izolacija DNK z uporabo interne organske metode/ DNA isolation using the internal organic method		/
BIO-032	2.00	Avtomatska izolacija DNK z napravama EZ1 in EZ2/Automated isolation of DNA using EZ1 and EZ2 devices		/
BIO-025	1.30	Izolacija DNK iz kosti in zob/DNA isolation from bones and teeth	Kosti in zobje / Bones and teeth	/
PCR v realnem času/Real-Time PCR				
BIO-026	2.10	Določanje koncentracije DNK z napravo ABI 7500 in QS5 ter komercialnim bioreagentom Quantifiler® Trio DNA/Quantification of DNA with Quantifiler® Trio DNA commercial bioreagent using ABI 7500 Real-Time PCR System and QS5	Izolati DNK/DNA isolate	/

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Pomnoževanje DNK (PCR)/DNA amplification (PCR)				
BIO-052	1.00	Pomnoževanje DNK s komercialnim bioreagentom GlobalFiler™ / <i>DNA amplification with commercial bioreagent GlobalFiler™</i>	Izolat DNK/DNA isolate	D13S317, D7S820, D5S818, CSF1PO, D1S1656, D12S391, D2S441, D10S1248, D18S51, FGA, D21S11, D8S1179, vWA, D16S539, TH01, D3S1358, AMEL, D2S1338, D19S433, DYS391, TPOX, D22S1045, SE33 in Y-specifično mesto vstavitev/delecija (Yindel) / <i>D13S317, D7S820, D5S818, CSF1PO, D1S1656, D12S391, D2S441, D10S1248, D18S51, FGA, D21S11, D8S1179, vWA, D16S539, TH01, D3S1358, AMEL, D2S1338, D19S433, DYS391, TPOX, D22S1045, SE33 and a Y-specific insertion/deletion locus (Yindel)</i>
BIO-054	1.00	Pomnoževanje DNK s komercialnim bioreagentom Yfiler Plus™ / <i>DNA amplification with commercial bioreagent Yfiler Plus™</i>	Izolat DNK/DNA isolate	DYS19, DYS389I, DYS389II, DYS390, DYS391, DYS392, DYS393, DYS385a/b, DYS437, DYS438, DYS439, DYS448, DYS456, DYS458, DYS635, Y-GATA H4, DYS449, DYS460, DYS481, DYS518, DYS533, DYS570, DYS576, DYS627 in DYF387S1a/b / <i>DYS19, DYS389I, DYS389II, DYS390, DYS391, DYS392, DYS393, DYS385a/b, DYS437, DYS438, DYS439, DYS448, DYS456, DYS458, DYS635, Y-GATA H4, DYS449, DYS460, DYS481, DYS518, DYS533, DYS570, DYS576, DYS627 and DYF387S1a/b</i>
BIO-053	1.00	Pomnoževanje DNK s komercialnim bioreagentom Investigator® 24plex QS/ <i>DNA amplification with commercial bioreagent Investigator® 24plex QS</i>	Izolat DNK/DNA isolate	D1S1656, D2S441, D2S1338, D3S1358, D5S818, D7S820, D8S1179, D10S1248, D12S391, D13S317, D16S539, D18S51, D19S433, D21S11, D22S1045, CSF1PO, FGA, TH01, TPOX, vWA, SE33 in DYS391, spolno specifičen amelogenin / <i>D1S1656, D2S441, D2S1338, D3S1358, D5S818, D7S820, D8S1179, D10S1248, D12S391, D13S317, D16S539, D18S51, D19S433, D21S11, D22S1045, CSF1PO, FGA, TH01, TPOX, vWA, SE33, and DYS391, the gender-specific Amelogenin</i>

Oznaka postopka /Internal procedure code	Izdaja/ Issue	Naslov postopka/Title of procedure	Materiali; proizvodi/ Materials; products	Parametri/parameters
Kapilarna elektroforeza/ Capillary electrophoresis				
BIO-037	1.60	Ločevanje in detekcija fragmentov DNK z genetskim analizatorjem ABI3500/ <i>Separation and detection of DNA fragment using genetic analyzer ABI3500</i>	Pomnoženi fragmenti DNK/ <i>Amplified DNA fragments</i>	/
Analiza DNK/DNA analysis				
BIO-040	1.30	Analiza pomnoženih fragmentov DNK s programom GeneMapper ID-X/ <i>Analysis of results of amplified DNA fragments using GeneMapper ID -X software</i>	Pomnoženi fragmenti DNK/ <i>Amplified DNA fragments</i>	/

Spremenjeno ali dodano besedilo je glede na predhodno verzijo tega dokumenta označeno v modri barvi in s pokončno črto na zunanjem robu dokumenta.