

APPENDIX 2023

TABLE 1. Codes for DNA extraction, purification/concentration and quantitation methodology

Differential lysis	Yes/No
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EXTRACTION + PURIFICATION/CONCENTRATION		DNA QUANTITATION	
Code	Method	Code	Method
EP01	Proteolytic digestion/Phenol Chloroform (DP/FC)	C01	NO DNA QUANTITATION
EP02	(DP/FC) + Alcohol precipitation	C02	Spectrophotometry
EP03	(DP/FC) + Microcon (Millipore)	C03	Fluorometry
EP04	(DP/FC) + Amicon (Millipore)	C04	Quantifiler Duo (AB)
EP05	Chelex	C05	Quantifiler Human (AB)
EP06	FTA Purification Reagent (Whatman)	C06	Quantifiler Y (AB)
EP07	QIAamp (Qiagen)	C07	Plexor HY (Promega)
EP08	DNA IQ (Promega)	C08	Quantifiler Human Plus (AB)
EP09	PrepFiler/PrepFiler BTA (AB)	C09	Quantifiler Trio (AB)
EP10	BioRobot EZ1 (Qiagen)	C10	Investigator Quantiplex (Qiagen)
EP11	Maxwell 16 (Promega)	C11	Investigator Quantiplex HYres (Qiagen)
EP12	Direct amplification	C12	PowerQuant System (Promega)
EP00	Other (specify)	C00	Other (specify)

TABLE 2. Codes for PCR methodology

DETECTION		PRIMER/LADDER	
Code	Instrument	Code	System
D01	ABI 310	PL01	Home-made design
D02	ABI 3100 AVANT/ABI 3100		
D03	ABI 3130/ABI 3130xl		
D04	ABI 3500/ABI 3500xl		
D05	ABI 3730/ABI 3730xl		
D06	SeqStudio		
D07	ALF		
D08	FMBIO II		
D09	MEGABACE		
D10	Silver nitrate staining		
D00	Other (specify)	PL00	Other (specify)

TABLES 3 & 4. Codes for mitochondrial DNA methodology

PU: Purification of PCR products		QS: Sequencing chemistry		PE: Purification of extension reactions	
Code	Method	Code	Method	Code	Method
PU01	ExoSAP	QS01	Dicloro-rodamina	PE01	Alcohol precipitation
PU02	Microcon (Millipore)	QS02	Bigdye v1.1	PE02	SAP Digestion+Precipitation
PU03	Qiaquick PCR (Qiagen)	QS03	Bigdye v3.1	PE03	CENTRI-SEP (Princeton)
PU04	MinElute (Qiagen)			PE04	DyeEx (Qiagen)
PU05	Wizard (Promega)			PE05	AGCT (Edge Bio)
PU06	Microspin (Pharmacia)			PE06	Big Dye X terminator (AB)
				PE07	Sephadex (Healthcare life Sciences)
PU00	Other	QS00	Other	PE00	Other

S: Genetic Analyzer		SE: Editing software	
Code	Instrument	Code	Software
S01	ABI 310	SE01	SeqScape
S02	ABI 3100 AVANT/ABI 3100	SE02	Sequencher
S03	ABI 3130/ABI 3130xl	SE03	BioEdit
S04	ABI 3500/ ABI 3500xl		
S05	ABI 3730/ABI 3730xl		
S06	SeqStudio		
S00	Other	SE00	Other

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Use of forensic light	
Mini-Crimescope	LF01
Crimelite	LF02
Other	LF00

TABLE 5. Codes for body fluid identification tests

Blood	Method	Code
Crystallography	Teichmann test	SA01
	Takayama test	SA02
Peroxidase	Adler/Benzidine test	SA03
	Kastle Meyer	SA04
	Peroxtesmo	SA05
	BlueStar	SA06
Immunochromatography	Hexagon OBTI TEST	SA07
	RSID Blood	SA08
	Seratec HemDirect	SA09
	RapidSignal Occult Blood	SA10
	ABACard HemaTrace	SA11
	HemCheck	SA12
Other (specify)		SA00

Semen	Method	Code
Acid Phosphatase	α -naftyl phosphate	SE01
	Phosphatesmo	SE02
	Other	SE03
Prostate Specific Antigen (PSA)	Seratec PSA Semiquant	SE04
	Hexagon PSA	SE05
	RapidSignal PSA	SE06
	ABACardPSA	SE07
	PSA Rapid	SE08
	PSA-Check-1	SE09
	Bluestar Identi-PSA	SE10
	Other	SE11
Semenogelin	RSID Semen	SE12
	Nanotrap Sg	SE13
	Other	SE14
Microscopy	Christmas tree staining	SE15
	Hematoxylin/eosin staining	SE16
	Erythrosine ammonia staining	SE17
	Other	SE18
Other		SE00

Saliva	Method	Code
Immunochromatography α - Amylase detection	RSID saliva	SV01
	Seratec α -amylase	SV02
α - Amylase activity	Phadebas	SV03
	SALigAE	SV04
Other		SV00