

Materials List for

Optimized Bone Sampling Protocols for the Retrieval of Ancient DNA from Archaeological Remains

Cody E. Parker^{1,2}, Kirsten I. Bos^{1,3}, Wolfgang Haak^{1,3}, Johannes Krause^{1,3}

¹Department of Archaeogenetics, Max Planck Institute for the Science of Human History ²School of Human Evolution and Social Change, Arizona State University ³Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology

Corresponding Author

Cody E. Parker
cody.parker@asu.edu

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jove.com/video/63250

Materials

Name	Company	Catalog Number	Comments
#16 Dental Drill Bit	NTI	H1-016-HP	example drilling bit
0.6 mm scroll saw blade	Fisher Scientific	50-949-097	blade for Jewellers Saw
22mm diamond cutting wheel	Kahla	SKU 806 104 358 514 220	Dremel cutting attachment
Commercial Bleach	Fisher Scientific	NC1818018	
Control Company Ultra-Clean Supreme Aluminum Foil	Fisher Scientific	15-078-29X	
DNA LoBind Tubes (2 mL)	Eppendorf	22431048	
Dremel 225-01 Flex Shaft Attachment	Dremel	225-01	Dremel flexible extension
Dremel 4300 Rotary Tool	Dremel	4300	Example drill
Dremel collet and nut kit	Dremel	4485	Adapters for various Dremel tool attachments/bits
Eagle 33 Gallon Red Biohazard Waste Bag	Fisher Scientific	17-988-501	
Eppendorf DNA LoBind 2 mL microcentrifuge tube	Fisher Scientific	13-698-792	
Ethanol (Molecular Biology Grade)	Millipore Sigma	1.08543	
FDA approved level 2 Surgical Mask	Fisher Scientific	50-206-0397	PPE
Fisherbrand Comfort Nitrile Gloves	Fisher Scientific	19-041-171X	PPE
Fisherbrand Safety Glasses	Fisher Scientific	19-130-208X	PPE
Granger Stationary Vise	Fisher Scientific	NC1336173	benchtop vise
Invitrogen UltraPure DNase/Rnase free distilled water	Fisher Scientific	10-977-023	
Jewellers Saw	Fisher Scientific	50-949-231	
Kimwipes	Sigma-Aldrich	Z188956	
Labconco Purifier Logic Biosafety cabinet	Fisher Scientific	30-368-1101	
LookOut DNA Erase	Millipore Sigma	L9042-1L	
Medium weighing boat	Heathrow Scientific	HS120223	

MSC 10pc plier/clamp set	Fisher Scientific	50-129-5352	Miscellaneous clamps/vise grips for securely holding samples while drilling/cutting
Sartorius Quintix Semi-Micro Balance	Fisher Scientific	14-560-019	enclosed balance
Tyvek coveralls with hood	Fisher Scientific	01-361-7X	PPE
Weigh paper	Heathrow Scientific	HS120116	