



Florida Department of Law Enforcement
Biology Section
ORGANIC EXTRACTION (NON-DIFFERENTIAL)

Date: 3/17/12
Date: 3/18/12

Analyst: AVG
Analyst: AVG

Area: 4
Area: 4

Cleaned: ✓ K1Q
Cleaned: ✓

Sample ID	Description	Case # / Comments	~Vol. (µL)	Sample ID	Description	Case # / Comments	~Vol. (µL)
12AVG60	DMS-21A grip	20120501890	40	12AVG68	Q12 vaginal	20110506913	150
12AVG61	DMS-21B trigger	20120501890	↓	12AVG69	Q14 rt middle finger	20110506913	50
12AVG62	DMS-21C slide	20120501890	↓	12AVG70	Q15 rt palm	20110506913	↓
12AVG63	DMS-21D holster	20120501890	↓	12AVG71.c	ENC	20110506913	↓
12AVG64	ME-2A right hand	20120501890	↓	12AVG72	1-4 blade	20050516513	50
12AVG65	ME-2B left hand	20120501890	↓	12AVG73	1-4 handle	20050516513	↓
12AVG66.c	ENC	20120501890	✓	12AVG74.c	ENC	20050516513	↓
12AVG67	Q11 anal	20110506913	100				

Initials	
1a <u>AVG</u>	For Blood/Epithelial: Add the cutting or liquid blood to a sterile tube.
1b <u>—</u>	For Hair: Prepare by washing and cutting (if necessary). Place into a sterile tube.
1c <u>—</u>	For Tissue/Soft bone: Wash (if necessary) and mince. Place into a sterile tube.
1d <u>—</u>	For Compact Bone: Wash and decalcify. Start Time/Date: _____ Stop Time/Date: _____ EDTA Lot: _____ Ammonium Oxalate Lot: _____
2a <u>—</u>	To the sample add: 400µL Digest Buffer 15µL Proteinase K 20µL DTT (DTT added for bone and hair samples). Mix gently. Incubate at 56° C. Volumes may be increased as needed. Start Time/Date: _____ Stop Time/Date: _____ Temperature: _____ Digest Buffer Lot: _____ Proteinase K Lot: _____ DTT Lot: _____
2b <u>AVG</u>	Or, to the sample add: 300µL Stain Extraction Buffer w/DTT 7.5µL Proteinase K. Mix gently. Incubate at 56° C overnight. Volumes may be increased as needed. Start Time/Date: <u>4:00pm 3/17/12</u> Stop Time/Date: <u>9:15am 3/18/12</u> Temperature: <u>56°C</u> Stain Extraction Buffer w/DTT Lot: <u>030512</u> Proteinase K Lot: <u>111611</u>
3 <u>AVG</u>	Vortex briefly and pulse spin. Remove the substrate or transfer the supernatant to a sterile tube.
4 <u>AVG</u>	Add 300 - 500µL of Phenol/Chloroform/Isoamyl Alcohol. PCI Lot: <u>010512</u>
5 <u>AVG</u>	Vortex for 15 seconds. Centrifuge 3-5 minutes. Transfer the upper aqueous phase to a sterile tube.
6 <u>—</u>	Repeat steps 4 and 5 until interface is clean and aqueous phase is clear (if needed). # of washes _____

Concentration/Wash

Date: 3/18/12 Analyst: AVG Area: 4 Cleaned: ✓
Microcon Lot: ROK A64981 TE⁻⁴ Lot: 021012
Comments: _____