

VIRGINIA DEPARTMENT OF FORENSIC SCIENCE

PowerPlex® 16 Amplification Setup

		FS LAB#:	
DATE:		ANALYST:	
PP16 KIT# / SOURCE:			LOT# OR CONCENTRATION
EXPIRATION DATE:		9947A DNA Std:	
	Reagent Vol.(μL) / Sample	# of Samples	Total Volume(μL)
AMPLITAQ GOLD	0.40		
10x GOLD ST*R BUFFER	1.25		
10x PRIMER PAIRS	1.25		
H ₂ O	4.6		
THERMAL CYCLER / QC DATE:			

	Sample	Dilution (μL DNA + μL H₂O)
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		

Virginia Department of Forensic Science

PowerPlex[®] 16

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Plate Name: _____

FS Lab#: _____

Analyst: _____

Instrument ID: _____

Plate Loading Date: _____

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	1	2	3	4	5	6	7	8	9	10	11	12
A												
B												
C												
D												
E												
F												
G												
H												

UNCONTROLLED

Reagent	3130xl Setup		Master Mix (µL)	Lot #	Source	Expiration
	1x (µL)	# of samples				
Hi-Di Formamide	9.5				ABI	
ILS 600:	0.5				Promega	
Allelic Ladder:					Promega	
Running Buffer (1X): 3.5mL 10x running buffer + 31.5 mL Type 1 H2O		Date changed on instrument:			ABI	
POP-4:		Date loaded onto instrument:			ABI	

CONTROLS		
	Examiner	Tech Review
Allelic Ladder		
Pos Control		
Neg Control		
Reagent Blank(s)		
Comments:		