



A · A · C
Genomics
Facility

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Dye Terminator Cycle Sequencing Requisition Form

Purchase Order Number

Client Name	Invoice Address:
Address	
Phone	
Email	

Results Printed electropherogram Email .txt / ab1 files Provided Disc

Primer Description Dilute primers to 5pmol/ul and provide 10pmol/reaction $\Delta Tm(^{\circ}C) = [4 \cdot (G+C) + 2 \cdot (A+T)] - 3^{\circ}$

	Name	Primer Sequence	Annealing Temperature	Concentration (pmol/ul)
1		5'		
2		5'		
3		5'		
4		5'		
5		5'		
6		5'		

Template Description

	Sample Name	Sequence with primer number	ds/ss DNA/RNA	Vector size (bp)	Insert or PCR product size (bp)	Concentration (ng/ul)
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						

DNA	Concentration (ng/ul)	Quantity (ng)
dsDNA 1-10kb bp	5-200	300
PCR 100-500bp	1-10	20
PCR 500-1000bp	10-30	50
PCR 1000-5000bp	25-50	150

Recommended DNA Concentrations and Quantities

- Plasmid DNA must be free of protein and bacterial DNA
- PCR products must be purified using various methodologies
- UV exposure of excised bands must be minimal