



A · A · C
Genomics
Facility

Summerlee Science Complex Rm 1401,
 University of Guelph
 488 Gordon Street
 Guelph, Ontario, Canada N1G 2W1
 Phone: 519-824-4120 ext. 58357
 Fax: 519-767-1656
 Email: genomics@uoguelph.ca
 Website: <https://www.uoguelph.ca/aac/facilities/genomics>

Dye Terminator Cycle Sequencing Requisition Form

Client Name	Position
Email	Department
Phone	Supervisor

Authorized Signature (required): _____

Billing Information *GL Coding (26 digits)*

Fund (3)	Unit (6)	Grant (6)	Project (6)	Object (5)
				64251

Special Requests print electropherogram keep sample for return

Primer Description Dilute primers to 5uM and provide 2uL for each reaction $\Delta T^m(C) = [4(G+C)+2(A+T)]-3^{\circ}$

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

Template Description

	Sample Name	Primer number	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 Template Size	Concentration (ng/uL)	Quantity (ng/rxn)
100-500bp	5-10	20
500-1000bp	10-30	50
1kb-5kb	30-100	150
5kb-10kb	100-200	300

Template Preparation

- ✓ 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
- ✓ Recommend quality/quantity assessment with Nanodrop