

To be able to sequence under most favorable price conditions you need to submit your template and primers in a 'plate format' that is multichannel pipette ready. Request is possible only for minimum eight sequencing reactions.

	1	2	3	4	5	6	7	8	9	10	11	12
A	T1	T1	T1	T1			P1	P1	P1	P1		
B	T1	T2	T2	T2			P2	P2	P2	P1		
C	T2	T3	T3	T3			P1	P3	P3	P1		
D	T2	T4	T4	T4			P2	P4	P4	P1		
E	T3	T1	T5	T5			P1	P1	P5	P1		
F	T3	T2	T6	T6			P2	P2	P6	P1		
G	T4	T3	T7	T7			P1	P3	P7	P1		
H	T4	T4	T8	T8			P2	P4	P8	P1		

For each template, here located in columns 1-4, a primer in adequate concentration needs to follow the same order ('multichannel pipette ready').

ONLY in case all templates are sequenced with one same primer, adequate volume of the primer can be delivered in a tube.

If number of template aliquots exceeds 48 reactions - two plates need to be delivered (one with template and one for primer aliquots, 'multichannel pipette' ready).

Example of 49 templates and 49 primers aliquoted in plate format

	1	2	3	4	5	6	7	8	9	10	11	12
A	T1	T9	T17	T25	T33	T41	T49					
B	T2	T10	T18	T26	T34	T42						
C	T3	T11	T19	T27	T35	T43						
D	T4	T12	T20	T28	T36	T44						
E	T5	T13	T21	T29	T37	T45						
F	T6	T14	T22	T30	T38	T46						
G	T7	T15	T23	T31	T39	T47						
H	T8	T16	T24	T32	T40	T48						

**Plate 1
Template**

	1	2	3	4	5	6	7	8	9	10	11	12
A	P1	P9	P17	P25	P33	P41	P49					
B	P2	P10	P18	P26	P34	P42						
C	P3	P11	P19	P27	P35	P43						
D	P4	P12	P20	P28	P36	P44						
E	P5	P13	P21	P29	P37	P45						
F	P6	P14	P22	P30	P38	P46						
G	P7	P15	P23	P31	P39	P47						
H	P8	P16	P24	P32	P40	P48						

**Plate 2
Primer**

Example of 96 templates and 96 primers aliquoted in plate format

	1	2	3	4	5	6	7	8	9	10	11	12
A	T1	T9	T17	T25	T33	T41	T49	T57	T65	T73	T81	T89
B	T2	T10	T18	T26	T34	T42	T50	T58	T66	T74	T82	T90
C	T3	T11	T19	T27	T35	T43	T51	T59	T67	T75	T83	T91
D	T4	T12	T20	T28	T36	T44	T52	T60	T68	T76	T84	T92
E	T5	T13	T21	T29	T37	T45	T53	T61	T69	T77	T85	T93
F	T6	T14	T22	T30	T38	T46	T54	T62	T70	T78	T86	T94
G	T7	T15	T23	T31	T39	T47	T55	T63	T71	T79	T87	T95
H	T8	T16	T24	T32	T40	T48	T56	T64	T72	T80	T88	T96

**Plate 1
Template**

	1	2	3	4	5	6	7	8	9	10	11	12
A	P1	P9	P17	P25	P33	P41	P49	P57	P65	P73	P81	P89
B	P2	P10	P18	P26	P34	P42	P50	P58	P66	P74	P82	P90
C	P3	P11	P19	P27	P35	P43	P51	P59	P67	P75	P83	P91
D	P4	P12	P20	P28	P36	P44	P52	P60	P68	P76	P84	P92
E	P5	P13	P21	P29	P37	P45	P53	P61	P69	P77	P85	P93
F	P6	P14	P22	P30	P38	P46	P54	P62	P70	P78	P86	P94
G	P7	P15	P23	P31	P39	P47	P55	P63	P71	P79	P87	P95
H	P8	P16	P24	P32	P40	P48	P56	P64	P72	P80	P88	P96

**Plate 2
Primer**

Four different examples of a 'plate' format showing possibilities of correct plate format aliquots for template (T 1- 8) and primers (P1-8) for minimum of 8 reactions.

	1	2	3	4	5	6	7	8	9	10	11	12
A	T1						P1					
B	T1						P2					
C	T2						P1					
D	T2						P2					
E	T3						P1					
F	T3						P2					
G	T4						P1					
H	T4						P2					

	1	2	3	4	5	6	7	8	9	10	11	12
A	T1						P1					
B	T2						P2					
C	T3						P3					
D	T4						P4					
E	T1						P1					
F	T2						P2					
G	T3						P3					
H	T4						P4					

	1	2	3	4	5	6	7	8	9	10	11	12
A	T1						P1					
B	T2						P2					
C	T3						P3					
D	T4						P4					
E	T5						P5					
F	T6						P6					
G	T7						P7					
H	T8						P8					

	1	2	3	4	5	6	7	8	9	10	11	12
A	T1						P1					
B	T2						P1					
C	T3						P1					
D	T4						P1					
E	T5						P1					
F	T6						P1					
G	T7						P1					
H	T8						P1					